ODM

1980 Volume 41
Annual Indexes

ISSN 0015-7538

C·A·B

COMMONWEALTH AGRICULTURAL BUREAUX

Forestry abstracts

COMMONWEALTH MYCOLOGICAL INSTITUTE
25 JUN 1981

B

COMMONWEALTH FORESTRY BUREAU

SOUTH PARKS ROAD
OXFORD OX1 3RD, ENGLAND

Telephone Oxford 57185

Director
W. Finlayson, B.Sc.

Scientific Information Officers

C.A.D. Elbourn, M.Sc.
Anne Handley, B.Sc., Ph.D.
Everild Haynes, M.A., D. Phil.
A.H. Hyde, B.A., D.Phil.
Gillian Smith, B.Sc.
Karen Langdon, B.Sc.
G.P. Richards, B.Sc., Ph.D.
Laura Ridout, M.A., Ph.D.
Mirja Ruokonen, MH, FK, HuK.
K.M. Becker, B.S., Ph.D.

Other Contributors

G.T. Creber, B.Sc.
R.H. Farmer, B.A., D.Sc.
W. Linnard, M.A., Dip.For., Ph.D.
B.E. St. L. Stuart, M.A.
Miss L. Gombrich, Dr. Jur.

Consultant Director
Prof. M.E.D. Poore, M.A., Ph.D., F.I. Biol.

The Commonwealth Forestry Bureau is one of 10 Bureaux and 4 Institutes which together form the Commonwealth Agricultural Bureaux, an organisation sponsored by Commonwealth governments for the dissemination of information on research in agriculture and related subjects.

Forestry Abstracts is a monthly journal prepared by the Bureau and published by the Commonwealth Agricultural Bureaux.

Annual Subscription Rate

To subscribers in countries that are not members of CAB £135.00

The journal is available at a special rate to subscribers in countries which make a financial contribution to CAB (these countries are listed on the inside back cover).

Back Numbers

Back volumes of Forestry Abstracts are available and there are discounts up to a maximum of 50% on orders of more than 10 volumes. Microform editions of back volumes are available at 80% of the price of paper editions.

Card Title Service

For full particulars, apply to Director, Commonwealth Forestry Bureau.

Forest Products Abstracts (FPA)

Also prepared by the Bureau, this journal deals with the extraction, utilization and marketing of wood and other forest products. The subscription rate in non-member countries is £65.00.

Orders and enquiries concerning subscriptions and back numbers should be sent to

CENTRAL SALES,
COMMONWEALTH AGRICULTURAL BUREAUX,
FARNHAM ROYAL, SLOUGH SL2 3BN, UK.

[Note: Prices are subject to change without notice]

Photocopies of most abstracted papers can be supplied by the Bureau at 20p per page in UK, 25p per page elsewhere, inclusive of delivery by air; minimum charge £2.00 per paper. An application and copyright declaration form is printed inside this issue. This form (which may be copied) should be signed and returned to the Bureau.

© *Commonwealth Agricultural Bureaux, 1981.* All rights reserved. No part of this publication may be produced in any form or by any means, electronically, mechanically, by photo-copying, recording or otherwise, without the prior permission of the copyright owner.

The Executive Council of the Commonwealth Agricultural Bureaux is a signatory to the Fair Copying Declaration, details of which can be obtained from The Royal Society, 6 Carlton House Terrace, London SW1.

The Commonwealth Agricultural Bureaux organisation does not accept responsibility for any trade advertisement included in this publication.

FORESTRY ABSTRACTS

Volume 41

Prepared by

Commonwealth Forestry Bureau, Oxford

1980

ISSN 0015-7538

© *Commonwealth Agricultural Bureaux 1981*

All rights reserved. No part of this publication may be reproduced in any form or by any means, electronically, mechanically, by photocopying, recording or otherwise, without the prior permission of the copyright owner.

The Executive Council of the Commonwealth Agricultural Bureaux is a signatory to the Fair Copying Declaration, details of which can be obtained from The Royal Society, 6 Carlton House Terrace, London, S.W.1.

published by

Commonwealth Agricultural Bureaux,
Farnham House, Farnham Royal,
SLOUGH SL2 3BN, UK.

printed by

Unwin Brothers Ltd., The Gresham Press, Old Woking, Surrey, UK.

CONTENTS

REVIEW ARTICLES

Stem curves – a review of the literature, by Hubert Sterba 141
Forest Biomass, by J. Pardé 343

ABSTRACTS

1. General publications and general techniques	7	53	101	147	195	237	281	363	433	469	553	613
General publications	7	53	101	147	195	237	281	363	433	469	553	613
Techniques and methodology	9	55	101	147	195	237	284	365	460	469	553	615
Miscellaneous	–	–	–	–	–	237	–	365	–	–	–	–
2. General aspects of forestry	10	55	101	147	195	237	284	365	460	469	553	616
General	–	–	–	147	195	237	–	365	–	469	553	616
Forestry from the national, regional, or international point of view. Forest history	10	55	101	148	195	237	284	365	460	469	554	616
Legislation	11	57	103	150	198	238	287	369	460	473	556	617
Taxation. Subsidies, loans, etc.	11	57	104	150	–	238	287	369	460	473	556	617
Insurance	–	57	104	–	–	–	–	–	–	473	–	–
Education and research. Information services	11	57	104	150	198	238	287	369	460	473	556	617
Organizations and publicity	12	58	104	150	198	239	287	370	460	474	556	618
Labour considerations. Safety. Work study	12	58	104	150	198	239	288	370	460	474	556	618
Miscellaneous	12	58	105	151	198	239	288	370	460	475	557	–
3. Silviculture	12	58	105	151	199	239	289	370	460	475	557	618
General	12	58	105	151	199	239	289	370	460	475	557	618
Choice of species. Trials of species, provenances etc.	12	58	105	151	199	239	289	371	461	476	557	618
Seed (for propagation)	16	59	106	153	199	240	292	372	461	477	558	618
Vegetative propagation	17	60	107	153	200	240	292	373	461	478	559	618
Use of fertilizers	17	61	108	154	200	241	293	374	461	479	560	620
Nursery practice	18	61	108	154	201	242	296	374	461	481	562	621
Establishment and tending of stands	18	62	109	156	202	243	297	375	461	482	562	622
Silviculture by species and species groups	21	65	112	158	205	246	301	380	461	488	566	625
Machinery	21	66	113	159	206	246	302	382	461	489	566	628
Growing and collection of forest products other than wood	22	67	114	161	206	246	303	382	461	490	567	629
4. Forest mensuration and management	22	67	114	161	207	247	304	384	461	490	568	630
General	22	67	114	161	–	–	304	384	461	–	568	630
Systems and units of measurement, including conversion tables. Measuring instruments and apparatus	23	67	114	161	207	–	304	384	461	490	568	630
Measurements of trees, stands, and round timber	23	67	115	161	208	247	304	384	462	491	568	631
Growth, increment. Biomass	24	68	115	162	208	248	305	385	462	491	569	632
Management plans and planning	26	70	117	164	210	249	307	387	462	494	571	634
Inventory, including sampling methods	26	71	118	165	210	249	307	388	462	494	572	635
Surveying and mapping. Remote sensing	27	71	118	165	211	249	308	388	462	495	572	635
Business economics of forestry	27	71	118	166	211	250	308	389	462	495	573	636
Administration of forest enterprises	28	72	119	166	211	250	309	390	462	496	573	637
Miscellaneous	–	–	–	–	–	–	–	390	–	–	573	–
5. Physical environment	28	72	119	166	211	250	309	391	462	496	573	637
General	28	72	–	–	–	250	309	391	–	496	573	–
Climate, and atmospheric influences	28	72	119	166	211	250	309	391	462	496	573	637
Land form. Slope. Aspect. Altitude	28	73	120	167	–	251	–	391	–	497	574	637
Soil	28	73	120	167	212	251	309	391	462	497	574	637
Soil water/plant relations	29	74	120	167	213	252	313	393	462	502	575	640
Soil nutrient relations	30	74	121	167	214	252	314	393	–	504	576	641
Pollution. Damage by man	30	75	121	168	214	253	315	395	462	505	576	642
Effect of various growth factors (including silvicultural treatment) on wood properties	31	76	121	169	215	254	316	395	462	507	579	643
Influence of forest on the physical environment	31	76	–	169	215	–	317	396	462	507	579	643
Miscellaneous	–	77	121	–	–	–	–	396	–	507	579	–
6. Fire	31	77	121	169	215	254	317	396	462	507	579	643
General	31	77	121	169	215	254	317	396	462	507	579	643
Predisposing factors and causes. Fire-danger rating	–	77	121	169	215	254	–	–	–	508	579	643
Prevention and control	32	77	121	170	215	254	317	397	462	508	579	643
Effects of fire	32	77	–	170	216	254	317	397	462	508	579	644
Miscellaneous	–	–	–	170	–	–	–	397	–	–	580	–

7. Plant biology	32	79	122	170	216	255	317	397	462	509	580	644
General	32	79	122	170	–	–	317	397	–	509	580	644
Silvicultural characters. Habit. Phenology	32	79	122	171	216	255	317	397	462	509	580	645
Anatomy, morphology	32	80	122	171	216	255	318	398	462	510	580	646
Chemistry	33	80	125	172	217	258	318	398	462	511	580	647
Physiology. Biochemistry	34	80	125	172	217	259	318	399	462	512	581	647
Reproduction	36	82	126	173	218	260	319	400	–	513	581	648
Taxonomy, nomenclature. Herbaria	36	83	126	173	–	261	320	401	462	513	582	648
Floras, checklists	36	83	126	174	218	262	320	402	462	514	582	648
Plant ecology	36	83	127	174	218	262	321	402	462	515	583	649
Miscellaneous	–	–	–	–	–	–	–	–	–	–	–	–
8. Genetics and breeding. Variation.Evolution	38	85	127	175	221	264	322	406	463	518	586	649
General	38	85	127	175	–	264	322	406	463	518	586	649
Gymnosperms	40	85	128	175	221	264	322	407	463	518	587	649
Angiosperms	40	87	129	176	221	265	323	408	463	519	587	651
Miscellaneous	–	–	–	–	–	–	–	–	–	–	–	–
9. Mycology and pathology	41	88	129	177	221	265	324	409	463	521	588	653
General	41	88	129	177	221	265	324	409	–	521	588	653
Fungal ecology	41	88	129	178	222	265	324	412	–	521	589	653
Mycorrhiza and other fungal and bacterial symbioses	41	88	129	178	222	265	324	412	–	522	589	653
Fungal diseases	42	89	129	178	222	266	325	412	463	522	590	654
Bacteria	–	91	130	–	–	269	327	413	–	525	593	656
Viruses, mycoplasmas etc.	44	–	130	181	224	269	327	413	–	525	593	656
Protection and control	44	91	–	181	224	269	327	414	–	525	593	656
Miscellaneous, including mistletoe	44	92	130	181	225	269	328	414	–	525	593	–
10. Insects and other invertebrates	45	92	130	181	225	270	328	414	463	525	594	657
General	–	92	130	–	225	270	–	414	–	–	594	–
Invertebrate ecology	45	92	130	181	225	270	328	414	–	525	594	657
Insects	45	92	130	181	227	270	328	415	463	525	594	657
Mites	47	94	131	–	–	272	–	418	–	533	602	–
Nematodes	47	–	131	184	228	272	–	418	–	533	602	664
Other invertebrates	47	–	–	–	–	–	–	418	–	533	–	664
Protection and control	47	94	132	184	228	272	331	419	463	533	603	664
Miscellaneous	–	–	–	–	–	–	–	–	–	–	603	–
11. Range	48	–	132	185	229	273	331	420	463	535	603	665
12. Game and Wildlife	48	94	133	185	229	273	331	421	463	536	604	665
13. Fish. Aquaculture	48	–	133	187	230	274	333	422	463	539	605	667
14. Protection forests. Watershed/catchment management. Soil conservation	48	95	133	188	230	274	334	423	463	540	605	667
General	48	95	–	–	230	274	334	423	463	540	605	667
Watershed/catchment management. Water conservation. Hydrology	49	95	133	188	230	274	334	423	463	540	605	667
Soil conservation and erosion	49	96	134	188	231	274	335	424	463	542	606	668
Shelterbelts. Hedges	49	96	134	188	231	275	335	425	463	542	606	669
Revegetation and reclamation	49	97	–	189	231	275	335	425	463	542	607	669
Miscellaneous	–	–	–	–	–	–	–	–	–	–	–	–
15. Other land use. Nature conservation. Arboriculture	50	97	134	189	231	275	336	425	463	543	607	670
General	–	97	134	189	231	–	336	425	463	543	–	670
Land use and land-use policy and planning. Agri-silviculture	50	97	134	189	231	275	336	426	464	543	607	670
Nature conservation	50	98	135	190	232	276	337	427	464	545	608	671
Recreation, tourism, and rural amenity	50	98	135	190	233	276	337	428	464	546	609	671
Arboriculture, urban amenity	51	99	136	191	233	277	339	429	464	547	609	673
Miscellaneous	–	–	–	191	–	–	–	–	–	–	–	–
16. Dendrochronology and dendroclimatology	51	99	–	191	233	277	339	429	–	547	609	673

AUTHOR INDEX ... 677

SPECIES INDEX ... 705

SUBJECT INDEX ... 737

READERS' GUIDE

1. **Terminology.** Terms included in the *Concise Oxford Dictionary, Chamber's Dictionary of Science and Technology* and the *Terminology of Forest Science, Technology, Practice and Products* are used without explanation. Other terms from particular sciences may also be used without explanation if it is thought that they are familiar to those readers likely to be concerned.

2. **Bibliographic Citations:**

(a) Titles. Titles are given in the original language if a Latin alphabet is used. Russian (but generally not other Cyrillic alphabets) and Greek are given in standard transliterations for whole publications. English translations – often shortened – are given in square brackets.

(b) Language symbols. Capital initial letters indicate the language of the text, small letters the language(s) of the summary. The following abbreviations are used:

Af	= Afrikaans	Fr	= French	Nl	= Dutch
Ar	= Arabic	Gr	= Greek	No	= Norwegian
Be	= White Russian	He	= Hebrew	Pl	= Polish
Bg	= Bulgarian	Hu	= Hungarian	Pt	= Portuguese
Ch	= Chinese	In	= Indonesian	Ro	= Rumanian
Cs	= Czech	Is	= Icelandic	Ru	= Russian
Da	= Danish	It	= Italian	Sh	= Serbo-Croatian
De	= German	Ja	= Japanese	Sk	= Slovakian
Ee	= Estonian	Ko	= Korean	Sn	= Slovenian
En	= English	Li	= Lithuanian	Sv	= Swedish
Es	= Spanish	Lv	= Latvian	Tr	= Turkish
Fi	= Finnish	Ma	= Macedonian	Uk	= Ukrainian

(c) Library Source. Capital letters at the end of a reference, where present–e.g. PR, ORS, etc.–show the place where the actual publication seen by the Bureau is lodged. Where no capital letters are cited the publication is lodged in the library of the Commonwealth Forestry Institute, Oxford. The following abbreviations are used:

APB	Commonwealth Bureau of Pastures and Field Crops, Hurley, Maidenhead, Berks SL6 5LR
BLL	British Library Lending Division, Boston Spa, Wetherby, Yorkshire LS23 7BQ
CFB	Commonwealth Forestry Bureau, South Parks Road, Oxford OX1 3RD
CGB	Commonwealth Bureau of Plant Breeding and Genetics, Department of Applied Biology, Downing Street, Cambridge CB2 3BX
CIE	Commonwealth Institute of Entomology, 56 Queen's Gate, London SW7 5JR
CMI	Commonwealth Mycological Institute, Ferry Lane, Kew, Richmond TW9 3AF
EMB	Commonwealth Bureau of Horticulture and Plantation Crops, East Malling Research Station, Maidstone, Kent ME19 6BJ
HSB	Rothamsted Experimental Station, Harpenden, Herts AL5 2JQ
IPC	Institute of Paper Chemistry, P.O. Box 1039, Appleton, Wisconsin 54911, USA.
LTP	Tropical Products Institute, 56/62 Gray's Inn Road, London WC1X 8LU
OAEc	Agricultural Economics Research Institute, Dartington House, Little Clarendon Street, Oxford, OX1 2HS.

OB	Bodleian Library, Oxford, OX1 2BB.
OBD	Dept. of Botany, South Parks Rd., Oxford, OX1 3RA.
OH	Hope Dept. of Entomology, University Museum, Parks Road, Oxford, OX1 3PW.
ORE	Department of Agriculture, Parks Road, Oxford, OX1 3PF.
ORS	Radcliffe Science Library, South Parks Road, Oxford, OX1 3QP.
OW	ARC Weed Research Organisation, Yarnton, Oxford, OX5 1PF.
OZ	Department of Zoology, Oxford, OX1 3PS.
PO	The British Library, Science Reference Library, 25 Southampton Buildings, Chancery Lane, London W.C.2.
PR	Building Research Establishment, Princes Risborough Laboratory, Aylesbury, Bucks HP17 9PX
Reinbek	Bundesforschungsanstalt fur Forst- und Holzwirtschaft, Leuschnerstrasse 91, 2050 Hamburg 80, W. Germany.
TRADA	Timber Research and Development Association, Hughenden Valley, High Wycombe, Bucks HP14 4ND.
X	Miscellaneous: apply to Commonwealth Forestry Bureau for details.

(*d*) *Secondary Journal Source*. The following abbreviations are used:

AATA	Art and Archaeology Technical Abstracts
ABIPC	Abstract Bulletin of the Institute of Paper Chemistry
CRRAGA	Countryside Recreation Research Advisory Group Abstracts
WAERSA	World Agricultural Economics and Rural Sociology Abstracts

(e) Back references. These refer to notices in previous issues and appear in square brackets with an indication of volume and abstract number, e.g. '[see *FA 41*, 3456; *FPA 3*, 1234]'. They are occasionally given for CAB journals other than *FA* and *FPA*. The most common are:

RAE/A	Review of Applied Entomology
PBA	Plant Breeding Abstracts
RPP	Review of Plant Pathology

3. **Abbreviations, units and symbols.** (This section of the Readers' Guide will appear annually). Standard SI symbols are used for metric units; these are not included here. Occasionally, other symbols not listed here are used when it is thought that they will present no difficulty to the readers concerned; this includes many geographical abbreviations such as ACT, UK, PA., etc.

Å	ångström
AAS	atomic absorption spectrometry
ABA	abscisic acid
a.e.	acid equivalent
AFNOR	Association Française de Normalisation
AFOCEL	Association Forêts-Cellulose
a.i.	active ingredient
alt.	altitude
approx.	approximately
ARMEF	Association pour la Rationalisation et la Mécanisation de l'Exploitation Forestière
ASTM	American Society for Testing Materials
atm	(standard) atmosphere
Aug.	August
av.	average
b.a.	basal area
bar	bar
bd ft	board feet
b.h.	breast height
BHC	benzene hexachloride
BOD	biochemical oxygen demand
BP	before present
b.p.	boiling point
BS(I)	British Standard(s) (Institution)
Btu	British thermal unit
c.a.i.	current annual increment
cal	calorie
CCA	copper-chrome-arsenic
c.e.c.	cation exchange capacity
Ci	curie
COD	chemical oxygen demand
coeff.	coefficient
COMECON	Council for Mutual Economic Aid
conc.	concentrated
concn.	concentration
const.	constant
CSF	Canadian standard freeness
CSIRO	Commonwealth Scientific and Industrial Research Organization (Australia)
cv.	cultivar
d.b.h.	diameter at breast height
DDT	dichlorodiphenyltrichloroethane
diam.	diameter
DIN	Deutsches Institut für Normung
dil	dilute
DM	dry matter
DMSO	dimethyl sulphoxide
E.	east
ECE	Economic Commission for Europe
EC	European Communities
EM	electron microscope
EPR	electron paramagnetic resonance
equiv.	equivalent
ESR	electron spin resonance
et al.	and others
F	filial generation
°F	degree Fahrenheit
FAO	Food and Agriculture Organization
Feb.	February
f.p.	freezing point
f.sp.	special form
ft	foot/feet
GA	gibberellic acid
gal	gallon (Imperial or US)
GLC	gas-liquid chromatography
GOST	Gosudarstvennyĭ Obshchesoyuznyĭ Standart
h	hour
ha	hectare
hp	horse power
ht.	height
IAA	indoleacetic acid
IB	internal bond
IBA	indolebutyric acid
IBP	International Biological Programme
IR	infrared
ISO	International Organization for Standardardization
IUFRO	International Union of Forestry Research Organizations
Jan.	January
kgf	kilogramme-force
lat.	latitude
lb	pound (weight)
lbf	pound-force
LC	lethal concentration
LD	lethal dose
long.	longitude
M	molar
m.a.i.	mean annual increment
max.	maximum
mbar	millibar
m.c.	moisture content
MDF	medium density fibreboard
min	minute (time)
min.	minimum
ml	millilitre
MMA	methyl methacrylate
MOE	modulus of elasticity
mol	mole
mol.	molecular
MOR	modulus of rupture
m.p.	melting point
N.	north
NAA	naphthyl acetic acid
NE	north-east
NMR	nuclear magnetic resonance
Nov.	November
n.s.d.	no significant difference; not significantly different
NSSC	neutral sulphite semichemical
NW	north-west
o.b.	over bark
Oct.	October
OECD	Organization for Economic Cooperation and Development
opt.	optimum
OSB	oriented structural board
oz	ounce
P	probability
Pa	pascal
p.a.	per annum
p.a.i.	periodic annual increment
PCP	pentachlorophenol
PEG	polyethylene glycol
PF	phenol formaldehyde
p.p.	partly, in part
p.p.m.	parts per million
p.p.t.	parts per thousand
PVA	polyvinyl acetate
PVC	polyvinyl chloride
R	röntgen
r	coefficient of correlation
rad	rad
RF	resorcinol formaldehyde
RH	relative humidity
r.p.m.	revolutions per minute
S.	south
s.d.	standard deviation
SE	south-east
SEM	scanning electron microscope
Sept.	September
s.l.	in a broad sense
sol.	solution
sp.	species
sp.nov.	new species
s.s.	in a narrow sense
ssp.	subspecies
SW	south-west
syn.	synonym
t	tonne (not ton)
TCA	trichloroacetic acid
TEM	transmission electron microscope
temp.	temperature
t. & g.	tongued and grooved
TLC	thin-layer chromatography
u.b.	under bark
UF	urea formaldehyde
UHF	ultra high frequency
ULV	ultra low volume
UNDP	United Nations Development Programme
USDA	United States Department of Agriculture
UV	ultraviolet
var.	variety
VHF	very high frequency
viz.	namely
vol.	volume
vs.	versus
W.	west
wk	week
wt.	weight
yr	year
3P	probability proportional to prediction
- - ′	minute (angle)
- - ″	second (angle)
‖	parallel
⊥	perpendicular
†	appears on some abstracts taken from *Soils and Fertilizers*

4. **Vernacular names.** (This section of the Readers' Guide will appear annually). The vernacular names listed below may be used in abstracts instead of the Latin ones. Indexing is by Latin names.

acacia	*Acacia* (see also black wattle)
alder	*Alnus*
ash	*Fraxinus* (generally *F. excelsior* unless otherwise indicated)
Austrian pine	*Pinus nigra* (also Corsican pine)
balsa	*Ochroma lagopus*
balsam fir	*Abies balsamea*
bamboo	Bambuseae
beech	*Fagus* (generally *F. sylvatica* unless otherwise indicated)
birch	*Betula* (*B. alba* is used for undifferentiated *B. pendula* and *B. pubescens*)
black spruce	*Picea mariana*
black walnut	*Juglans nigra*
black wattle	*Acacia mearnsii*
broadleaf	Angiospermae (tree; see also hardwood)
cashew	*Anacardium occidentale*
chir	*Pinus roxburghii*
coconut	*Cocos nucifera*
conifer	Coniferae (see also softwood)
Corsican pine	*Pinus nigra* (also Austrian pine)
deodar	*Cedrus deodara*
dipterocarp	Dipterocarpaceae
Douglas fir	*Pseudotsuga menziesii*
eastern hemlock	*Tsuga canadensis*
elm	*Ulmus*
Engelmann spruce	*Picea engelmannii*
eucalypt	*Eucalyptus*
fig	*Ficus*
fir	*Abies* (see also Douglas fir)
hardwood	Angiospermae (timber; see also broadleaf)
hazel	*Corylus avellana*
hemlock	(see eastern, western hemlock)
hickory	*Carya*
hinoki	*Chamaecyparis obtusa*
holly	*Ilex*
hoop pine	*Araucaria cunninghamii*
hornbeam	*Carpinus betulus*
jack pine	*Pinus banksiana*
juniper	*Juniperus*
kauri	*Agathis* (*A. australis* in New Zealand)
larch	*Larix* (see also tamarack)
linden	*Tilia* (also referred to elsewhere as 'lime' and 'basswood')
loblolly pine	*Pinas taeda* (see also southern pine)
lodgepole pine	*Pinus contorta*
longleaf pine	*Pinus palustris* (see also southern pine)
mango	*Mangifera indica*
maple	*Acer*
maritime pine	*Pinus pinaster*
mulberry	*Morus*
neem	*Azadirachta indica*
Norway spruce	*Picea abies*
oak	*Quercus* (*Q. robur* s.l. is used for undifferentiated *Q. robur* and *Q. petraea*)
palm	Palmae
Parana pine	*Araucaria angustifolia*
pine	*Pinus* (see also hoop pine, Parana pine)
ponderosa pine	*Pinus ponderosa*
poplar	*Populus* (see also yellow poplar)
radiata pine	*Pinus radiata* (also referred to elsewhere as 'Monterey pine')
rattan	*Calamus* and/or *Daemonorops* (mainly)
red oak	*Quercus rubra* (northern red oak of the USA)
robinia	*Robinia pseudoacacia* (also referred to elsewhere as 'false acacia', 'locust' etc.)
rubber	*Hevea brasiliensis* (unless otherwise indicated)
sal	*Shorea robusta*
sandalwood	*Santalum album*
Scots pine	*Pinus sylvestris*
shortleaf pine	*Pinus echinata* (see also southern pine)
silver fir	*Abies alba*
Sitka spruce	*Picea sitchensis*
slash pine	*Pinus elliottii* (see also southern pine)
softwood	Gymnospermae (timber; see also conifer)
southern pine	*Pinus echinata, P. elliottii, P. palustris* and *P. taeda* (indexed as *P.* 'Southern')
spruce	*Picea*
sugar maple	*Acer saccharum*
sugi	*Cryptomeria japonica*
sweetgum	*Liquidambar styraciflua*
tamarack	*Larix laricina*
teak	*Tectona grandis*
walnut	*Juglans regia* (see also black walnut)
white oak	*Quercus alba*
white spruce	*Picea glauca*
western hemlock	*Tsuga heterophylla*
willow	*Salix*
yellow poplar	*Liriodendron tulipifera* (also referred to elsewhere as 'tulip tree')
yew	*Taxus baccata* (other species by Latin names)

COMMONWEALTH AGRICULTURAL BUREAUX

The Commonwealth Agricultural Bureaux (CAB) is a co-operative venture established by Commonwealth Governments to provide information and other specialized services for scientists and professional workers in agriculture and related fields. The organization is controlled by an Executive Council composed of nominees of the various Commonwealth Governments, including one for the Dependent Territories. The following pages list the present members of the Executive Council, and Liaison Officers who form the primary link in the member country.

CAB has three main functions: a world agricultural information service, an identification service for entomology, mycology and helminthology, and a biocontrol service. CAB's information service is based on 46 abstract journals which, taken together, cover the whole range of agricultural science. Contemporary world literature in many languages is scanned for items worthy of noting by abstract or titles in the journals. Since 1973 all references have been made available in machine-readable form for batch searching and online retrieval. The database contains approximately 1,100,000 records and is increasing by 12,000 per month. Other publications include technical periodicals, annotated bibliographies, review articles and books. An information retrieval service ensures that individual needs are met, and also supplies photocopies of source papers.

The work of CAB is largely carried out through a number of Institutes and Bureaux, each dealing with a particular aspect of agricultural science. Enquiries on scientific aspects of CAB work should be sent to the Director of the appropriate Bureau. Other enquiries should be sent to the Executive Director, CAB, at the address below, or to Liaison Officers in member countries.

Headquarters

Farnham House, Farnham Royal, Slough SL2 3BN, UK
Tel: Farnham Common (02814) 2281
Telex: 847964
Cables: COMAG, SLOUGH

Executive Director: N.G. Jones, DFC, BSc
Editorial Director: J.R. Metcalfe, MA, PhD
Sales Director: J. Newton, BSc, PhD
Scientific Adviser: E.K. Woodford, OBE, MSc, PhD

Institutes

Commonwealth Institute of Entomology, 56 Queen's Gate, London SW7 5JR, Tel: 01-584-0067/8
Director: N.C. Pant, MScAgr, DIC, PhD, FNA.

Commonwealth Mycological Institute, Ferry Lane, Kew, Richmond TW9 3AF. Tel: 01-940-4086/7
Director: A. Johnston, BSc, AICTA, FIBiol.

Commonwealth Institute of Biological Control, Gordon Street, Curepe, Trinidad, West Indies. Tel: St. Augustine (662) 4173
Director: F.D. Bennett, BSA, PhD.

Commonwealth Institute of Helminthology, The White House, 103 St. Peter's Street, St. Albans, AL1 3EW, Herts. Tel: St. Albans (0727) 33151
Director: R.L.J. Muller, BSc., PhD.

Bureaux

Agricultural Economics, Dartington House, Little Clarendon Street, Oxford OX1 2HH. Tel: Oxford (0865) 59829.
Director: J.O. Jones, MA.

Animal Breeding and Genetics, Animal Breeding Research Organization, The King's Buildings, West Mains Road, Edinburgh EH9 3JX. Tel: Edinburgh (031) 667-6901.
Director: J.D. Turton, BSc, MRCVS, DTVM.

Animal Health, Central Veterinary Laboratory, New Haw, Weybridge, KT15 3NB, Surrey. Tel: Byfleet (09323) 42826
Director: R.M. Mack, FRCVS.

Dairy Science & Technology, Lane End House, Shinfield, Reading RG2 9BB. Tel: Reading (0734) 883895
Director: E.J. Mann, NDD, CDD.

Forestry, Commonwealth Forestry Institute, South Parks Road, Oxford OX1 3RD. Tel: Oxford (0865) 57185
Director: W. Finlayson, BSc.

Horticulture & Plantation Crops, East Malling Research Station, Maidstone ME19 6BJ, Kent. Tel: West Malling (0732) 843833
Director: D.J. O'D. Bourke, MA, DipAgr, FLS.

Nutrition, Rowett Research Institute, Bucksburn, Aberdeen AB2 9SB. Tel: Bucksburn (0224) 712162
Director: A.A. Woodham, BSc, PhD, CChem, FRIC.

Pastures & Field Crops, Grassland Research Institute, Hurley, Maidenhead SL6 5LR. Tel: Littlewick Green (062 882) 3457
Director: P.J. Boyle, MA.

Plant Breeding & Genetics, Department of Applied Biology, Pembroke Street, Cambridge CB2 3DX. Tel: Cambridge (0223) 358381 (Ext. 216)
Acting Director: Miss O. Holbeck, BSc.

Soils, Rothamsted Experimental Station, Harpenden AL5 2JQ, Herts. Tel: Harpenden (05827) 63133 (Ext. 271)
Director: B. Butters, MSc, DipAgr, DTA, DIC, ARCS.

EXECUTIVE COUNCIL

(as at 1 September 1980)

Member	*Representing*
R.B. RYANGA (Chairman)	Kenya
G.M.P. MYERS	United Kingdom
Dr. L. MORLEY	Canada
Dr. A.E. PIERCE	Australia
Dr. B. HEALY	New Zealand
Dr. M. DHAR	India
J.C. RAJEPAKSE	Sri Lanka
Y.N. OHENE-AKRASI	Ghana
THE SECOND SECRETARY	Malaysia
THE FIRST SECRETARY	Nigeria
A. ANTONIADES	Cyprus
H.E. THE HIGH COMMISSIONER	Sierra Leone
Mrs. L.E. HOWELL	Tanzania
Miss H. GOULBOURNE	Jamaica
C.T. GRANDERSON	Trinidad & Tobago
A.L. MUKASA-ZIRIMENYA	Uganda
H.E. THE HIGH COMMISSIONER	Malawi
THE TRADE COMMISSIONER	Zambia
S. GASSAMA	The Gambia
N. BURGESS	Guyana
H.E. THE HIGH COMMISSIONER	Botswana
T. NARRAINEN	Mauritius
P.K. MISHRA	Fiji
S.A.L.M. MUSTAKIM	Bangladesh
H.E. THE HIGH COMMISSIONER	The Bahamas
F.B.C. REIHER	Papua New Guinea
I.H. HARRIS	Dependent Territories

Dr. D.A. ALI, Secretary, Commonwealth Science Council (Observer)

N.G. JONES, DFC, BSc (Executive Director)

LIAISON OFFICERS

(as at 1 September 1980)

Contributing country	*Liaison Officer*	*Address*
United Kingdom	Under Secretary	Agricultural Research Council, 160, Great Portland Street, London W1N 6DT.
Canada	G.M. Carman, BSA, MSc, PhD.	Director-General, Information Services, Agriculture Canada, Ottawa, Ontario, K1A 0C7.
Australia	D.G. Thomas	Commonwealth Scientific and Industrial Research Organization, PO Box 225, Dickson, ACT 2602.
New Zealand	G.W. Butler, MSc, Fildr, FRSNZ.	Assistant Director-General, Department of Scientific and Industrial Research, Private Bag, Wellington.

India	O.P. Gautam, PhD	Director-General, Indian Council of Agricultural Research, Krishi Bhavan, New Delhi 110001.
Sri Lanka	G.W.E. Fernando, BSc, MSc, PhD.	Senior Deputy Director of Agriculture (Research), Central Agricultural Research Institute, Gannoruwa, Peradeniya.
Ghana	Executive Chairman	Council for Scientific & Industrial Research, PO Box M.32, Accra.
Malaysia	Permanent Secretary	Ministry of Agriculture & Co-operatives, Swettenham Road, Kuala Lumpur.
Nigeria	The Director	Agricultural Science Research Department, Moor Plantation, P.M.B. 5382, Ibadan.
Cyprus	A. Papasotomontos, PhD.	Director General, Ministry of Agriculture & Natural Resources, Nicosia.
Sierra Leone	Senior Lecturer	Njala University College, University of Sierra Leone, PMB, Freetown.
Tanzania	Director of Agriculture	Ministry of Agriculture, PO Box 9071, Dar-es-Salaam.
Jamaica	The Director	Research & Development Department, Ministry of Agriculture, PO Box 480, Kingston 6.
Trinidad & Tobago	Chief Technical Officer (Crop Research)	Ministry of Agriculture, Central Experiment Station, Centeno, Via Arima Post Office, Trinidad.
Uganda	Permanent Secretary	Ministry of Agriculture & Forestry, PO Box 102, Entebbe.
Kenya	Director of Agriculture	Ministry of Agriculture, PO Box 30028, Nairobi.
Malawi	Chief Agricultural Research Officer	Ministry of Agriculture & Natural Resources, PO Box 30134, Capital City, Lilongwe 3.
Zambia	Permanent Secretary	Ministry of Rural Development, PO Box RW.197, Lusaka.
The Gambia	Permanent Secretary	Ministry of Agriculture & Natural Resources, The Quadrangle, Banjul.
Guyana	Deputy Chief Agricultural Office (Research)	Ministry of Agriculture,. PO Box 1001, Georgetown.
Botswana	Permanent Secretary	Ministry of Agriculture, Common Service Division, Private Bag 0028, Gaborone.
Mauritius	B.D. Roy	Chief Agricultural Officer, Agricultural Services, Reduit.
Fiji	Permanent Secretary	Agriculture, Fisheries & Forests, Rodwell Road, Suva.
Bangladesh	Dr. K. Badruddoza MAgr, PhD, DipGenPB.	Director, Bangladesh Agricultural Research Institute, 87 Pioneer Road, Kakrail, Dacca-2.
The Bahamas	Director of Agriculture	Ministry of Agriculture & Fisheries, PO Box 3028, Nassau, N.P.
Papua New Guinea	N.J. Natera, The Secretary	The Department of Primary Industries PO Box 2417, Konedomu.

COMMONWEALTH FORESTRY BUREAU

South Parks Road, OXFORD OX1 3RD

All correspondence regarding *Bureau publications, subscriptions and purchase* should be addressed as indicated on the *outside back cover*. Correspondence on *other matters* within the scope of this Bureau should be addressed to:–

The Director, Commonwealth Forestry Bureau, South Parks Road, Oxford, England.

STAFF

Director

W. Finlayson, B.Sc.

Scientific Information Officers

C.A.D. Elbourn, M.Sc.
Anne Handley, B.Sc.
Everild Haynes, M.A., D. Phil.
A.H. Hyde, B.A., D.Phil.
Karen Langdon, B.Sc.
G.P. Richards, B.Sc., Ph.D.
Laura Ridout, M.A., Ph.D.
Mirja Ruokonen, MH, FK, HuK.
Gillian Smith, B.Sc.

Other Contributors

G.T. Creber, B.Sc.
R.H. Farmer, B.A., D.Sc.
W. Linnard, M.A., Dip.For., Ph.D.
B.E. St. L. Stuart, M.A.
Miss L. Gombrich, Dr.Jur.

The Commonwealth Forestry Bureau is one of 10 Bureaux and 4 Institutes which together form the Commonwealth Agricultural Bureaux, an organisation sponsored by the Commonwealth governments and the Republic of Ireland for the dissemination of information on research in agriculture and related subjects.

Forestry Abstracts is a monthly journal prepared by the Bureau and published by the Commonwealth Agricultural Bureaux.

Annual Subscription Rate

To subscribers in countries that are not members of CAB £135.00

The journal is available at a special rate to subscribers in countries which make a financial contribution to CAB (these are listed on the inside back cover).

Back Numbers

Back volumes of Forestry Abstracts are available and there are discounts up to a maximum of 50% on orders of more than 10 volumes. Microform editions of back volumes are available at 80% of price of paper editions.

Card Title Service

For full particulars, apply to Director, Commonwealth Forestry Bureau.

Forest Products Abstracts (FPA)

Also prepared by the Bureau, this journal deals with the extraction, utilization and marketing of wood and other forest products. The subscription rate in non-member countries is £65.

Orders and enquiries concerning subscriptions and back numbers should be sent to

CENTRAL SALES,
COMMONWEALTH AGRICULTURAL BUREAUX,
FARNHAM ROYAL, SLOUGH SL2 3BN, UK.

[Note: Prices are subject to change without notice]

ERRATA

(lines are counted from the beginning of the bibliographic data in each item.)

Volume 20

Page	*Abstract*	*Line*	
118	951	4	after '*Larix europaea*' insert '[*L. decidua*]'
365	2972	8	for '*elaeagnifolia*' read '*elaeagrifolia*'

Species Index

50	Col. 1		for '*P. elaeagnifolia*' read '*P. elaeagrifolia*'

Volume 25

370	3266	1	for '**Propagation**' read '**Distribution**'

Volume 28

722	6275	8	for '*sieberiana*' read '*sieberana*'

Species Index

815	Col. 1		for 'A. sieberiana' read 'A. sieberana'

Volume 30 Author Index

804	Col. 2	39	delete '6276'

Volume 31 Author Index

xxxiv	Col. 2		for 'Leomoine' read 'Lemoine'

Volume 32

417	3507	8	for '*sieberiana*' read '*sieberana*'

Species Index

930	Col. 2		for 'A. sieberiana' read 'A. sieberana'

Volume 33

371	3184	9	for '*sieberiana*' read '*sieberana*'
499	4251	2	for '***sieberiana***' read '***sieberana***'
499	4251	6	for '*sieberiana*' read '*sieberana*'

Species Index

890	Col. 1		for 'A. sieberiana' read 'A. sieberana'

Volume 35

73	691	7	for '*sieberiana*' read '*sieberana*'
564	5864	12	for 'bilbiography' read 'bibliography'
785	7980	3	for '***sieberiana***' read '***sieberana***'
785	7980	7	for '*sieberiana*' read '*sieberana*'

Species Index

822	Col. 2		for '*A. sieberiana*' read '*A. sieberana*'

Volume 36

425	4729	18	for 'MKCaMg' read 'NKCaMg'

Volume 37

368	4096	1	for 'LÖNNESTEDT' read 'LÖNNSTEDT'
427	4747	3	for '1974' read '1975'
662	7199	2	for '(1975) **49** (6)' read '(1976) **50** (1)

Author Index

731	Col. 1		for 'Lönnestedt' read 'Lönnstedt'

Species Index

753	Col. 1	45	after '6012,' insert '6013,'
753	Col. 1	50	delete '***Endogone* spp.** 6013'
774	Col. 3	68	after '1700,' insert '3398,'
774	Col. 3	73	delete '***P.* spp.** 3398'

Volume 38

39	323	6	for '*FA 3*' read '*FA 34*'
79	761	1	for '*Informations*' read '*Mitteilungen*'
626	6239	9	for '*jutsonii*' read '*kybeanensis*'
697	6982	1	for 'LÖNNESTEDT' read 'LÖNNSTEDT'

Author Index

716	Col. 1		for 'Lönnestedt' read 'Lönnstedt'

Volume 39

199	1914	4	for '*Mauka*' read '*Nauka*'
284	2828	1	for '**Principals**' read '**Principles**'
292	2911	11	for 'deciduous' read 'sclerophyll'
400	4020	1	for 'TANIGUSHI' read 'TANIGUCHI'
479	4833	26	for 'semi-evergreen' read 'sclerophyllous'
493	4977	10	after '*Aristichthys*' insert '[*Hypophthalmichthys*]'
510	5144	1	for 'BACON J.' read 'BACON, G.J.'
534	5406	1	for 'BRIAN, M.B.' read 'BRIAN, M.V.'
542	5503	1	for 'DOLGILEVICH, M.N.' read 'DOLGILEVICH, M.I.'

Author Index

547	Col. 4	87	after 'Bacon, G.J.' insert '5144,'
547	Col. 4	88	delete 'Bacon, J. 5144'
549	Col. 2		for 'Brian, M.B.' read 'Brian, M.V.'
551	Col. 3		for 'Dolgilevich, M.N.' read 'Dolgilevich, M.I.'
567	Col. 3		for 'Tanigushi' read 'Taniguchi'

Species Index

573	Col. 2		for '***Aristichthys***' read '***Hypophthalmichthys***'

Volume 40

112	1061	13	for '*sylvestris*). In' read '*sylvestris*) in'
112	1061	14	for 'altidudinal' read 'altitudinal'
118	1117	9	for 'Georgraphical' read 'Geographical'
280	2735	79	after 'landscape.' begin new paragraph
301	2956	2	for '**activitty**' read '**activity**'
324	3210	8	delete '[See preceding abstract]'
333	3278	1	for 'VELDHUYSEN' read 'VELDHUYZEN'
359	3568	6	for 'trails' read 'trials'
399	4020	7	after '*D. latiflorus*' insert '[*Sinocalamus latiflorus*]'
444	4534		delete whole abstract

Volume 40 Author Index

Page	*Abstract*	*Line*	
468	Col. 4		after 'Dalgas, K.F. 1191' insert 'Daljeet-Singh, K. 1970'
472	Col. 4		after 'Hong, L.T.' insert '1970,'
473	Col. 2		after 'Jakubowski, R. 959, 1161' insert 'Jalong, P.N. 1970'
474	Col. 1		after 'Kasper, W. 1913' insert 'Kassim Morshidi, Abang 1970'
477	Col. 2		after 'Mohammed Nor Diah 401' insert 'Mohd. Ramli b. Mansor 1970'
483	Col. 2		after 'Tan, C.S. 2086' insert 'Tan, T.S. 1970'
483	Col. 2		after 'Thames, J.M. 2250' insert 'Thang, H.C. 1970'
483	Col. 2		after 'Thistlethwaite, R.J. 3830' insert 'Tho, Y.P. 1970'
484	Col. 2		for 'Veldhuysen' read 'Veldhuyzen'

Species Index

488	Col. 3	46	delete ', 4534'
492	Col. 3		for '***Dendrocalamus***' read '***Sinocalamus***'
493	Col. 2	79	delete ', 4534'
493	Col. 3	16	delete '4534,'
493	Col. 3		delete '***E. platyphylla*** 4534'
502	Col. 1	22	delete ', 4534'
505	Col. 3		delete '***P.*** × ***canadensis*** **'Robusta'** 3993'
506	Col. 2		after 'mixtures 4212' insert 'pollen 3993'
509	Col. 3	49	delete ', 4534'
510	Col. 2	5	delete '4534,'

Subject Index

515	Col. 3	71	delete '4534,'
524	Col. 1	10	delete 'breeding, tree 4534'

Volume 41

8	38	1	for 'FOREST' read 'FORESTRY'
9	53	3	for '*phaseoli*' read '*phaseolina*'
10	86	1	for 'HEYBROOK' read 'HEYBROEK'
11	96	1	for 'AGRICULTURAL' read 'AGRICULTURE'
15	179	1	for 'KJSERSGÅRD' read 'KJERSGÅRD'
25	288	1	for 'KAIRIŪKSTIS' read 'KAĬRYUKSHTIS'
27	320	1	for 'STEIGUER, J.E. DE' read 'DE STEIGUER, J.E.'
35	398	1	for 'MÄRTENSSON' read 'MÅRTENSSON'
35	398	20	after 'PSII' insert ')'
36	415	1	for 'SAVILLE' read 'SAVILL'
68	797	1	for 'NETO, F. DE P.' read 'PAULO NETO, F. DE'
78	929	1	for 'HOUEROU, H.N. LE' read 'HOUÉROU, H.N. LE'
81	976	1	for 'VANDEN' read 'VAN DEN'
90	1101	3	after '***Lachnellula***' insert '[***Trichoscyphella***]'
91	1102	2	after '***Lachnellula***' insert '[***Trichoscyphella***]'
92	1117	17	after '*Trypodendron lineatum*' insert '*Xyloterus lineatus*'
93	1121	17	after '*Trypodendron lineatum*' insert '*Xyloterus lineatus*'
93	1125	8	for '*Meterasideros*' read '*Metrosideros*'
94	1137	8	for '*chrysorrhea*' read '*chrysorrhoea*'
94	1137	10	for '*chrysorrhea*' read '*chrysorrhoea*'
95	1149	1	after 'SHEA, S.' insert '[R.]'
97	1164	10	for '*laricipopulina*' read '*larici-populina*'
118	1389	1	for 'LÖNNESTEDT' read 'LÖNNSTEDT'
126	1497	3	after 'Cs' insert 'EMB'
133	1580	2	for '***Taurotragus***' read '***Tauratragus***'
148	1633	1	delete 'TECHNISCHE'
148	1633	2	after 'FORSTWIRTSCHAFT' insert 'THARANDT'
152	1699	2	for 'GIANOTTI' read 'GIANNOTTI'
171	1932	1	for 'SHEPERD' read 'SHEPHERD'
171	1938	1	for '*Notes*' read '*News*'
179	2031	2	for '**selecting**' read '**selectivity**'
191	2178	1	for 'ANDERSEN, T.W.' read 'ANDRESEN, J.W.'

Volume 41 (continued)

Page	*Abstract*	*Line*	
196	2193	1	for 'ROZSNAY' read 'ROZSNYAY'
197	2213	13	for '*cinerea*' read '*cineraria*'
204	2298	2	for 'IDÄNPÄÄ-HEIKKILLÄ' read 'IDÄNPÄÄN-HEIKKILÄ'
212	2392	1	for 'ROSE' read 'ROOSE'
224	2515	1	after '***Lachnellula***' insert '[***Trichoscyphella***]'
224	2519	2	for '***mauritania***' read '***mauritiana***'
224	2519	7	for '*mauritania*' read '*mauritiana*'
226	2550	7	delete '[*Hemerocampa*]'
228	2565	7	for '*camellus*' read '*camelus*'
230	2599	11	for '*Penacus*' read '*Penaeus*'
261	2962	1	for 'GORDON, A.E.' read 'GORDON, A.G.'
267	3036	15	after '*Toona*' insert '[*ciliata*]'
277	3171	8	after '*stereum*' insert '[*chondrostereum*]'
288	3297	1	for 'WITJODARMODJO' read 'W.'
289	3305	15	after '*Sequoia gigantea*' insert '*Sequoiodendron giganteum*'
289	3306	8	after '*Sequoia gigantea*' insert '*Sequoiodendron giganteum*'
289	3307	9	after '*Sequoia gigantea*' insert '*Sequoiadendron giganteum*'
291	3326	1	delete 'DE'
297	3403	8	after '*pyramidalis*' insert '[*P. nigra italica*]'
298	3413	1	for 'PRADO, D.' read 'PRADO DONOSO'
298	3415		delete
329	3731	8	for '*dilitata*' read '*dilatata*'
333	3794	2	for '***fulginosus fulginosus***' read '***fuliginosus fuliginosus***'
335	3818	6	after '*A. arabica*' insert '[*A. nilotica indica*]'
337	3833	4	for '*Forstzeitung*' read '*Forst Zeitschrift*'
369	3971	1	for 'VAN DER' read 'VAN DEN'
383	4145	1	for 'BARRICHELLO' read 'BARRICHELO'
385	4176	6	for '1010-11' read '1009-10'
389	4209	1	for 'FILHO, P.H.' read 'HERNANDES FILHO, P.'
404	4386	19	for '*cilicia*' read '*cilicica*'
406	4429	13	for '*cajanderii*' read '*cajanderi*'
410	4475	1	for 'FRIFFIN' read 'GRIFFIN'
413	4506	10	for '*dothidia*' read '*dothidea*'
413	4509	9	after '*L.*' insert '[*Trichoscyphella*]'
418	4570	1	for 'VANDERSAR' read 'VANDER SAR'
421	4604	11	for '*Eriogonum*' read '*Erigonum*'
434	4781	2	after 'FILHO, O.' insert 'DE'
435	4809	1	for 'KAIRIUKSHTIS, L.' read 'KAĬRYUKSHTIS, L.A.'
436	4825	1	for 'SIRAKOV, C.H.' read 'SIRAKOV, K.H.'
436	4845	1	after 'FILHO, O.' insert 'DE'
441	5025	1	after 'FILHO, O.' insert 'DE'
443	5097	1	for 'KAIRIUKSTIS' read 'KAĬRYUKSHTIS'
444	5115	1	for '***ninaya***' read '***ninayi***'
444	5118	1	for 'ATMOSOEDARYO' read 'ATMOSOEDARJO'
444	5122	1	for 'ATMOSOEDARYO' read 'ATMOSOEDARJO'
447	5187	1	for 'GUINAUDEAU, G.' read 'GUINAUDEAU, C.'
471	5538	1	for 'SABHESRI' read 'SABHASRI'
477	5618	18	after '*Dasyscypha*' insert '[*Trichoscyphella*]'
478	5631	6	after '*Sequoia gigantea*' add '[*Sequoiadendron giganteum*]'
515	6095	9	for '*Oncorhyncus*' read '*Oncorhynchus*'
518	6126	16	for 'was 3.2' read 'and 3.2'
525	6204	6	for 'OP229' read 'O.P. 229'
526	6216	7	after '*Hemerocampa*' insert '[*Orgyia*]'
526	6216	8	after '*Porthetria*' insert '[*Lymantria*]'
526	6218	5	after '*B. piniperda*' insert '[*Tomicus piniperda*]'
526	6218	7	for '*B. piniperda*' read '*T. piniperda*'
526	6218	12	for '*B. piniperda*' read '*T. piniperda*'
526	6224	5	for '*Xiphidria*' read '*Xiphydria*'
526	6225	19	after '*Trypodendron lineatum*' insert '[*Xyloterus lineatus*]'
529	6252	1	after '***stilpnotia***' insert '***Leucoma***'
556	6503	1	for 'DWINNELL' read 'DWINELL'
568	6641	1	after 'RONDÓN, O.' insert 'A.'

Volume 41 (continued)

Page	*Abstract*	*Line*	
594	6929	1	for 'UNITED STATES' read 'USA,'
597	6955	1	for 'UNITED STATES' read 'USA,'
601	7001	10	after '(*Larix kaempferi*)' insert '[*L. leptolepis*]'
602	7012	1	for 'UNITED STATES, read 'USA,'
615	7133	3	for '***ficifolia***' read '***filicifolia***'
626	7247	11	for '*sylvatica*' read '*sylvaticus*'
627	7267	1	for 'LÜPKE, B.V.' read 'LÜPKE, B. VON'
638	7385	1	for 'FROELICH' read 'FROEHLICH'
653	7558	6	after '*Piptoporus betulinus*' insert '[*Polyporus betulinus*]'
662	7636	29	for '*gyldenhali*' read '*gyllenhali*'
669	7702	12	after '*Tilia argentea*' insert '[*T. tomentosa*]'

NOTES ON INDEXES

(1) *Author Index*. All authors are listed individually without cross-references. All separate name particles, e.g. 'de', 'von', 'le', are transposed to follow the author's initials.

(2) *Species Index*. This comprises the scientific names (including those of families etc.) of woody species, vertebrates and of lower organisms, whether plant or animal. Herbaceous plants are not indexed individually. Vertebrates will be found also in the Subject Index under the English names of the groups to which they belong, e.g. Deer, Rabbits and hares, Mice, voles and rats, Squirrels, Fish.

An effort has been made to include cross-references between synonyms that occur frequently in the literature; the name selected for indexing will usually be that which is most commonly employed. In most cases, the name selected will be the taxonomically valid one, but it is impracticable for the Bureau to enquire closely into difficult problems of nomenclature for the great range of organisms indexed, and some synonyms may remain undetected.

(3) *Subject Index*. This includes subject references proper and geographical references. Many cross-references to synonyms and references to related heads have been included. A subject reference is not normally made when the information is considered relevant to one species only: in cases where the species concerned is the prime consideration the Species Index should be consulted first. The geographical references are restricted to those of a general nature, i.e. to cases in which the country or region referred to is an important element in the information given.

AUTHOR INDEX

See under name of country for national organizations.
A. Filho, A. 4549
Aardema, J. W. 2232
Abashidze, L. Ya. 2487
Abbott, P. 1794
Abdel Bari, E. 1972
Abdullah, S. K. 2026
Abdullah Sani bin Shaffie 2725
Abe, T. 26, 33, 3075, 4536
Abegg, B. 6693
Abel, R. 5924, 6287
Abeli, W. S. 3294
Abell, T. M. 4811
Abetz, P. 279, 3197, 5745, 5752, 6612, 6680
Able, K. P. 3769
Abod, S. A. 7217
Abohassan, A. A. 4601, 5886
Abou Dahab, A. M. 213
Abouguendia, Z. M. 2812
Abrahamsen, G. 2382, 2805, 2813, 2815, 2817, 5928
Abrami, A. 664
Abramova, T. I. 1018
Abreu, C. A. P. de 4778
Abreu y Pidal, J. M. de 5144
Achmad Sumitro 5254
Ackerman, D. P. 655, 2634
Ackerman, G. C. 1754
Acocks, J. P. H. 2460
Acosta Romero, R. 7170
Adams, D. L. 6647, 6996
Adams, D. M. 1849
Adams, D. R. 936, 2295
Adams, J. A. 4275
Adams, W. T. 457
Addo-Ashong, F. W. 5006
Adegbehin, J. O. 2356
Adeyoju, S. K. 5083, 5123
Adisoemarto, S. 5446
Adlard, P. G. 3889, 4174, 5822, 6653, 6748
Adlung, K. G. 3086
Adrian, F. W. 5500
Aeberli, B. C. 5687
Afanas'ev, S. V. 7351
Afolayan, T. A. 2844
Afsharpour, F. 504
Agakhanyants, O. E. 6815
Agarkova, V. G. 4427
Agarwala, V. P. 5037
Agasiev, Sh. S. 738
Agee, J. K. 2842
Ageenko, A. S. 3468
Ager, B. 5270
Aglen, A. J. 3801
Aguenza, G. A. 3221
Aguiar, I. B. 1713, 4024, 7174

Aguilar-Ortiz, F. 3131
Aguilera Charles, J. M. 7305

Aguirre Alvarado, J. J. 2729, 5696
Aguirre Castillo, C. 62
Aguirre, E. 3149, 3150
Ahlgren, G. 4576
Ahlsved, K. J. 1190
Ahmad, A. 3779
Ahmad, M. I. 2085
Ahmad, S. 4812, 4813
Ahmed, I. 5252
Ahmed, J. M. 6193
Ahnert, G. 2030
Ahrens, S. 7343
Ahti, E. 344
Aiba, Y. 1384, 4252
Ajayi, S. S. 2844, 5221
Akai, T. 1411
Akakiev, F. I. 7439
Akhtar, P. 1888, 2402
Akhtar, S. 691
Akiyama, T. 4748
Akkermans, A. D. L. 492, 3681
Akman, Y. 6099, 6100, 6101
Akre, R. D. 3114, 3116, 3117
Akulova, E. I. 1912
Al-Ashoo, J. A. 215
Al-Naqib, A. I. 213, 214
Alarkon, N. L. 7477
Alatalo, R. V. 2588
Alatorre Rosas, R. 2561
Alazard, P. 247
Alban, D. H. 345, 5817
Alberdi, M. 7389
Albertella, G. 4768
Albertín, W. 5797
Albonetti, S. G. 5368
Albrektson, A. 865
Alchtar, P. 1889
Aldén, T. 5640
Alder, D. 275, 619, 2474, 3498
Aldhous, J. R. 1682
Aldon, E. F. 6877
Aldred, A. H. 2365
Aleem, A. 2113, 2288, 2590, 2591, 3796, 3808, 6484
Aleksakhin, R. M. 3565, 6737
Alekseev, V. A. 673, 1090, 7230
Alemdag, I. S. 5801
Aleshina, O. A. 2576
Alexander, G. 3952
Alexander, S. A. 4493
Alexandrian, D. 4043
Alexe, A. 4931
Alfaro, R. I. 6270
Alferova, Yu. A. 4510
Alfieri, S. A., Jr. 6197
Alfinito, J. 7035
Alfred, J. R. B. 4537
Algvere, K. V. 5073
Ali Darag Ali 2104
Ali, M. N. 2247
Allan, G. G. 2743, 6608
Allard, A. 105
Allaway, W. G. 3529
Allcock, R. 5728
Allen, G. M. 6647
Allen, P. J. 1904
Allen, R. 6430
Alm, A. A. 7241
Alonzo, A. E. 5134
Alrasjid, H. 6844
Alrasyid, H. 6734
Altenhofer, E. 6282
Althen, F. W. von 5692, 5766, 7264
Alvarez-Racelis, E. 4015
Alves, A. A. M. 5056
Alward, G. S. 3909
Amakiri, M. A. 7406
Amaral, R. 2667
Ambrosi, P. 7639
Amerson, H. V. 4478
Amidon, T. E. 1741
Amirkhanov, D. V. 2093
Ammer, U. 572, 3166, 3191, 3846, 3847, 7728
Ammon, G. L. 5667

Amo Rodríguez, S. del 222, 2974
Amstrup, S. C. 6334
Anan'ev, V. A. 3493
Anastassakos, A. 6402
Anaya López, H. J. 4903
Andel, S. 5391
Andere, D. K. 4633
Anderl, J. 2747
Andersen, F. G. 1603
Andersen, S. 2130
Anderson, D. H. 3842
Anderson, D. M. W. 4141, 4142
Anderson, D. S. 6113
Anderson, G. A. 1743
Anderson, G. W. 1103, 6199
Anderson, H. A. 333
Anderson, H. W. 5772, 5887, 7394
Anderson, J. B. 3697
Anderson, J. F. 7608
Anderson, N. A. 1103, 4485
Anderson, R. M. 3236
Anderson, T. C. 2136
Anderson, W. C. 1856
Andersson, E. 2700
Andersson, S. 1240, 6691
Ando, T. 6951
Andrade, G. D. 3507
André, P. 4098, 4099, 4100, 5654, 5930
Andréason, O. 7144
Andreev, V. V. 676
Andresen, J. W. 2178, 2992, 3272, 5484, 6446
Andrews, A. C. 5210
Andriesse, J. P. 6417
Andrulot, E. R. 7232
Andryushchenko, G. S. 5762
Angeles, L. D. 3221
Angst, M. E. 4567, 4568
Anikanov, A. T. 1018
Anisochkin, V. G. 3505
Annila, E. 537
Ans, B. 583
Anselmi, N. 480, 3232, 7592
Ansiaux, J. R. 2257
Anthony, R. G. 6563
Antipov, N. I. 5934
Antonescu, V. 2826
Antonopoulos, A. A. 1994
Antonov, G. 3524, 7412
Antonyuk, V. G. 1158
Antsukevich, O. N. 1409
Aoki, H. 1869, 4207
Aoki, M. 13, 21
Appel, D. N. 2003
Appel, R. 7471
Appelroth, S. E. 2892, 5777
Applegate, J. E. 2987
Apt, K. Z. 5626, 5780
Apud, E. 3293
Apud Simon, E. 5002
Arakawa, S. 1273
Aramoto, M. 1358
Araviĭskiĭ, V. L. 1756, 7293
Arbez, M. 961, 1039, 7511
Archibald, J. F. 3834, 7085
Arciero, M. F. 4559
Aref'eva, Z. N. 3248
Arentz, F. 4514
Arévalo Carretero, C. 4892
Argal, P. 5398
Argentina, Centro de Estudiantes de Ingeniería Forestal 5075, 5089
Argentina, Servicio Nacional de Parques Nacionales 4985
Argentina, Universidad Nacional de Buenos Aires, Facultad de Arquitectura y Urbanismo 4985
Argueta, A. 3149, 3150
Arif, B. M. 6956
Arimah, J. 5313
Arkhipov, V. A. 5996
Arlauskas, L. S. 792
Armăşescu, S. 280, 1330
Armbruster, M. J. 6338
Armeanu, I. 285
Armson, K. A. 2663, 5393, 5552
Armstrong, G. R. 1841
Armstrong, J. 2862
Armstrong, J. A. 3753, 4584
Armstrong, P. A. 2385, 7197
Arner, S. L. 634
Arno, G. I. 6438
Arnold, J. E. M. 1677, 5844, 7081
Arnold, M. 7081
Arnold, R. K. 4730
Arnold, S. von 1716, 5630
Arnott, J. T. 2881
Arnould, E. 2209
Arocker, E. 112
Aronson, A. 865
Arp, P. A. 5878
Arpin, P. 7104, 7119
Arreghini, R. I. 4785
Arrighetti, A. 7308, 7504
Arru, G. 2098, 7528
Artemenko, E. N. 7483
Arts, W. B. M. 2631
Artsybashev, E. S. 7439
Arvanitis, L. G. 620
Arvidsson, A. 761, 762
Arya, H. C. 7021
Asadov, K. S. 739, 7298
Asahi, M. 3527
Asai, T. 3079
Ascher, P. D. 600
Aschmann, H. 908
Ascoli, A. 249
Ash, A. N. 6354
Ash, C. L. 1995
Ashby, W. C. 812
Ashiru, M. O. 2947, 4448
Ashley, M. D. 319
Ashton, D. H. 6827
Ashton, P. S. 17, 1493, 5462, 7458, 7460
Ashy, M. A. 1483
Asibey, E. O. A. 5220
Asina, S. 7581
Askew, R. R. 6291, 6292
Assini, J. L. 1699
Astrologova, L. E. 785
Atabay, R. C. 4044
Atanasov, B. 6133
Athaya, C. D. 2452
Atkin, A. S. 4244, 5964, 7327
Atkinson, W. A. 5895
Atmosoedarjo, S. 2162
Atrokhin, V. G. 4805
Atrokhin, V. P. 2249
Atterson, J. 3864, 3879
Attrackchi, A. A. 6193, 6886
Atuahene, S. K. N. 4761
Aubert, P. 4063
Aubréville, A. 416
Auchter, R. J. 260
Auclair, D. 394, 2305, 6745
Audru, J. 1504
Aulitzky, H. 4877
Aussenac, G. 3485, 5933, 7109, 7251
Austarå, Ø. 1565, 1566
Austin, S. 6748
Australia, Australian Forest Development Institute 7370
Australia, Australian National Parks and Wildlife Service 3780
Australia, Commonwealth Scientific and Industrial Research Organization 1623
Australia, Forestry Commission of New South Wales 1331
Australia, Western Australia, Forests Department 1867
Avanzo, E. 5360
Avdeev, V. I. 4377
Averill, R. D. 1578
Avram, C. 5354
Avrov, F. D. 3336
Awan, A. B. 4786
Awasthi, N. 7462
Awouda, El- H. M. 1792
Ayling, R. O. 5731
Ayyar, K. S. 6774
Azambuja, D. de 7154
Azevedo, F. N. dos S. de 4844
Azoeuf, P. 961, 6139, 7549
Bååth, E. 2400
Baba, K. 3410
Babaev, N. G. 711
Bab'eva, I. P. 4496
Babich, N. A. 203, 1291
Babu, D. R. C. 4517
Babu, R. 4654
Bachelard, E. P. 1278, 5731, 6056, 7067, 7217
Bachmann, P. 6580
Bachurina, G. F. 1515
Back, P. V. 5743, 5744
Backer, W. 2676
Bacon, G. J. 1278, 1280, 2294, 6056
Bacon, W. R. 7734, 7740, 7744
Baconguis, S. R. 3559
Badea, V. 7517
Badenhorst, C. J. 770

Badiali, G. 6953
Bădiță, S. 7517
Badoux, E. 6665
Badran, O. A. 6832
Badré, L. 3261
Bagaloyos, A. P. 4015
Baggio, A. J. 4102
Baggley, G. F. 1858
Bagley, W. T. 5200
Bagnall, U. E. 2171
Bagnaresi, U. 1167, 1650
Bahadur, K. N. 6022, 6071
Bai, B. 3222
Baĭdina, L. A. 3407
Baidoe, J. F. 4875
Bailey, A. G. 3066
Bailey, C. G. 6748
Bailey, E. Z. 1967
Bailey, G. W. 5
Bailey, J. A. 5700
Bailey, J. K. 3801
Bailey, L. H. 1967
Bailey, R. G. 7071
Baillie, I. C. 6585
Baja-Lapis, A. 2689
Bakarcic, M. 4893
Baker, A. J. 261
Baker, C. R. B. 3066
Baker, D. 594, 3023
Baker, F. A., Jr. 4465
Baker, G. 6362, 6367
Baker, G. S. 5570
Baker, K. F. 7125
Baker, R. D. 320
Baker, R. M. 5534
Bakhvalov, S. A. 6295, 6300
Bakhvalov, Yu. M. 714
Bakke, A. 1565, 1566, 3737, 6265
Balaidi, A. S. 2610
Balakrishnan, N. P. 1495
Balarin, I. 2642
Balatskiĭ, O. F. 4271
Bal'chugov, A. V. 4657
Balcon, E. K. 7040
Balda, R. P. 6315
Baldanzi, G. 7171
Baldini, S. 6614, 6615
Balinga, V. S. 2123
Balk, J. T. 2173
Balkovič, Z. 7175
Ball, R. W. E. 5710
Ballard, R. 1420, 1421, 3353, 3356, 3358, 3361, 3576
Balloni, E. A. 4008, 4010, 4060, 4660, 5660
Balneaves, J. M. 2736, 2740
Baltensweiler, W. 2527, 2537, 2545, 2546, 2547, 2834
Bamber, R. K. 1905, 4354, 4355
Bampoe, V. 5911
Bănărescu, P. 3642
Bancroft, C. 1180, 5471
Bands, D. P. 920, 1176, 2275
Bandzaĭtene, Z. Yu. 783
Banerjee, A. K. 3215
Bang, J. W. 7319
Bangash, S. H. 2324
Banks, C. H. 361, 477
Bannikova, I. A. 2482
Banyard, S. G. 2162
Banzatto, D. A. 1713
Bara, S. 218
Barabin, A. I. 987, 1257
Baradat, P. 1043, 1046, 1047
Barajas Morales, M. en C. J. 3600
Barandun-Jossi, J. 3273
Barangan, F. 4077
Barannik, A. B. 1329
Barannik, A. P. 6930
Barannik, L. P. 3820
Baranov, A. I. 7297
Baranovskiĭ, V. I. 6299
Barber, E. G. 3140
Barbéro, M. 6099, 6100, 6101
Barbier, C. 680
Barbone, E. 1137
Barbosa, P. 6240, 6246, 6954
Barbour, D. A. 3106
Barden, L. S. 5682, 6003
Bardy, D. A. 669, 5273
Bardyshev, I. I. 2486
Barger, J. H. 2075
Bargh, B. J. 1152
Barghoorn, A. W. 4910
Barker, J. A. 554
Barker, J. E. 3360
Barker, P. A. 615
Barkham, J. P. 2391, 4370
Barlow, A. R. 5095
Barlow, N. D. 6940
Barnard, J. E. 2650
Barnéoud, C. 2310, 2399
Barner, H. 7519
Barner, J. 3141
Barnes, B. V. 2984
Barnes, R. D. 2, 131, 139, 149, 183, 355, 678, 1412, 1903, 6128, 6831, 7509
Barnett, J. P. 2939
Barnett, J. R. 2691
Barnett, O. W. 1546
Barnett, P. E. 2945
Barney, R. J. 4291
Barrena Guerrero, R. 4858
Barrett, R. L. 3396, 7201
Barrett, W. H. G. 4787
Barrichelo, L. E. G. 1702, 4145
Barrick, W. E. 2413
Bärring, U. 231
Barros A., S. 5614
Barros Asenjo, S. 3331
Barroso, J. 4972, 4973, 4974
Barrows-Broaddus, J. 2009, 2010, 2011
Barrows, E. M. 6233
Barry, G. N. 1292
Bartelli, L. J. 5862, 5863
Bartenev, I. M. 7293
Bartholin, T. 6032
Bartle, G. A. 263, 5799
Bartle, J. R. 5955
Barton, I. J. 5021
Barton, I. L. 1488
Bartorelli, U. 322
Bartos, D. L. 4600, 7667
Bary-Lenger, A. 7309
Barysheva, G. I. 3493
Barysheva, T. I. 7303
Basada, R. M. 4029
Baskett, T. S. 6338
Basova, S. V. 6901
Bassett, S. R. 4466
Bassman, J. H. 605
Bassus, W. 3903
Bastian, R. K. 6571
Baszyński, T. 5819
Bather, D. M. 90
Batini, F. 6421
Batini, F. E. 1148, 6891, 7685
Batra, L. R. 3718, 3723
Batra, S. W. T. 3723
Batzer, H. O. 6306
Bauch, J. 2448, 6033
Bauer, E. 2204
Baujard, P. 6288
Baule, H. 4045
Baum, B. B. 1497
Baum, U. 2388
Baumgardner, M. F. 4232
Baumgartner, A. 6380
Baumgartner, D. M. 5887
Baurant, R. 2627
Baxter, F. P. 7365, 7719
Baxter, L. W., Jr. 1546
Bayoumi, A. A. 2147, 2148
Bayoumi, M. B. 3533
Bazan, F. 4731
Bazara, M. 2610
Bazile, E. 424
Bazile, F. 424
Bazzaz, F. A. 2450
Bazzigher, G. 1539, 6905
B"chvarov, D. 6133, 6247
Beale, J. A. 5070
Beasley, J. L. 5335
Beaubien, J. 828
Beauchamp, E. G. 5865
Beaudreau, G. S. 6958
Beaumont, J. 3105
Beaver, R. A. 7603
Bebbington, A. L. D. 1496
Bechter, W. 6664
Becker, A. 6542
Becker, E. O. 6672
Becker, G. 4535, 6936, 6937
Becker, M. 6102, 6103, 7254, 7256, 7258
Becking, J. H. 490
Becking, R. W. 4690
Beckwith, R. C. 6245
Becwar, M. R. 603
Beda, G. 1299
Bedard, W. D. 6277, 6278
Bednar, H. 3976
Bednarz, R. W. 636, 1195
Bednyĭ, V. B. 2069
Beebe, T. 6577
Beekhuis, J. 5577
Beer, J. W. 2743
Beers, T. W. 6679
Beets, P. 975
Bega, R. V. 2505, 3700, 6884
Behm, R. 1723
Behrens, V. 694, 1244
Beineke, W. F. 1985
Béique, R. 6971
Beirne, B. P. 1557
Belcher, D. M. 623
Belitz, G. 1669
Bell, D. T. 6115
Bell, H. 7147
Bell, H. E. 1067
Bell, J. D. 3107
Bell, T. I. W. 131, 2872
Bella, I. E. 2749, 3363
Bellas, T. E. 6283
Bellemère, A. 1534
Bellion, C. 6541
Bellis, J. A. 7129
Belonogova, T. V. 5784
Belostotskaya, S. Kh. 6785
Belostotskiĭ, N. N. 1731
Belous, V. I. 4462
Belousov, N. A. 1339
Belov, S. V. 671
Beltrati, C. M. 6041
Belyakov, P. 2773, 2783, 3491, 3505, 5806, 5821
Belyĭ, G. D. 6182, 6186
Bencivenga, M. 3465
Bendall, J. F. 6354
Benea, V. 7517
Benecke, P. 6385
Benecke, U. 5958, 6362, 6363, 6366
Bengtson, G. W. 5665
Bengtsson, G. 307, 621
Benić, R. 4281
Benjamin, D. M. 6952, 7646
Bennet, S. S. R. 5789, 6071
Bennett, F. A. 296
Bennett, I. R. 6242
Bennett, J. E. 262
Bennett, M. T. 7133
Bennett, O. L. 5867
Benninghoff, B. 5829
Benninghoff, W. S. 4684
Benson, A. D. 7196
Benson, D. M. 2013
Benthem, R. J. 4933
Bentley, W. R. 1849
Bentzer, B. 3003
Benvenuti, V. 575
Berben, J. C. 4109
Berdnikova, S. V. 7468
Berg, A. 328, 825
Berg, B. 860, 6707
Berg, C. C. 4367
Berg, M. A. van den 47
Bergdahl, D. R. 6893
Berger, A. L. 3173
Berger, D. S. 1233
Berger, E. P. 2189, 3920
Berger, M. E. 6403
Berghe, D. A. van den 976
Bergman, F. 1260
Bergman, Ö. 2101
Bergmann, F. 4430
Bergoffen, W. W. 6493
Bergstrand, K. G. 630
Bergström, G. 4576
Bergström, T. 5781
Berhaut, J. 6798, 6799
Berisford, C. W. 4547, 6239, 6298
Berjak, P. 3648
Berlinger, S. S. 6332
Bermudez de Castro, F. 489, 3673
Bernard-Dagan, C. 1046, 1047, 1048
Bernard, N. T. 410
Bernardi, J. 4461
Bernetti, G. 1649, 3982
Bernhard, A. 2746
Bernier, B. 483
Bernstein, A. 5739
Berry, A. B. 1822
Berry, J. M. 7218
Berry, R. J. 1963
Berryman, A. A. 2543
Berthoud, G. 6345
Berti, R. N. 3235, 6614, 6615
Bertini, C. 877
Bertolani, F. 140, 189
Bertrand, J. L. 248, 1775, 1776, 1777, 1778, 1779
Bertus, A. L. 499, 6184, 6892
Bervaes, J. C. A. M. 3609
Berzin'sh, Yu. Yu. 722
Bespalov, V. P. 7624
Beste, B. 1485
Bestmann, H. J. 6962
Betancourt, A. 4843
Bethel, J. S. 1211, 3203
Betters, D. R. 262, 5098, 7072, 7723
Beuter, J. H. 5146
Bevan, D. 1116, 3098, 3103
Bevege, D. I. 185, 7323
Beveridge, A. E. 729
Bevins, C. D. 891
Bewley, J. D. 6721
Bey, C. F. 5613
Beyer, R. 6461
Bezdicek, D. F. 1084
Bezuidenhout, J. 2405
Bhandari, M. M. 6084
Bhatnagar, H. P. 4267, 4332, 4815, 5642
Bhodthipuks, P. 3223
Bhosal, L. J. 4325
Bhruksasri, W. 5195
Bianchetti, J. C. 4975
Bianchi, M. 220
Bianchi Sweron, H. 4727
Biancotti, A. 846
Bickelhaupt, D. H. 873
Bierl-Leonhardt, B. A. 551, 552
Biermann, G. 1559
Biernaux, J. 2628, 4639
Biesterfeldt, R. C. 5828
Bigalke, R. C. 2589
Biggin, P. 2271, 5715, 5717, 5729, 5730, 7205
Biggs, B. 6507
Biggs, R. H. 606, 968
Bignell, A. W. 4708
Bigot, C. 6540
Bilaidi, A. S. 2213
Bilan, M. V. 1475
Bilik, G. I. 1509
Billany, D. J. 1133, 1628
Billard, R. 7039
Bille, J. C. 2777, 5250
Billings, R. F. 540, 3743
Binche-Athias, F. 337
Bink, F. A. 2631
Binmore, A. 4816
Birch, M. C. 1564, 4557
Birchmore, M. J. 3258
Bird, J. 6941
Birk, E. M. 3534
Birley, M. 6105
Birot, Y. 466, 961, 1049, 1050, 1446, 3322, 6856, 7518, 7549
Biryukov, V. N. 840
Biryukova, Z. P. 840
Bisarro, S. 7174
Bisiach, M. 3228
Biskupsky, V. 666
Biswell, H. H. 911, 2842
Bitterlich, W. 5019, 5332, 6639
Bittig, B. 1206, 5531
Bjarnason, H. 6090

Bjerg, N. 3435
Bjor, K. 2382, 2805
Björkhem, U. 1136, 1173
Björkman, O. 6777
Bjudstad, A. J. 6823
Black, A. W. 833
Black, H. C. 7220
Black, M. 1264
Blackett, R. F. 2139
Blackman, T. 1630, 2694
Blackwell, G. 260
Blackwell, L. P. 7232
Blair, B. O. 4232
Blais, J. R. 1556, 6244
Blake, D. A. 1347
Blake, J. 3558
Blakeslee, G. M. 4467, 4480, 6896
Blanc, H. le 4829
Blanchard, R. O. 1187, 6919
Blanche, C. A. 6732
Blanchette, R. A. 3026
Blandin, P. 7118
Blaney, J. R. 5973
Blaschke, H. 5913, 6169, 7487
Blatchford, O. N. 3240, 3986, 5024, 5572
Blaxell, D. F. 406
Blerot, P. 4098
Blic, P. de 2387
Bliev, Yu. K. 6698
Blight, M. M. 2080, 2081, 4560
Blinova, S. 2578
Blinova, S. L. 525
Bliss, L. C. 4412
Bliss, T. M. 5897
Bloetzer, G. 7089
Blok, H. 3377
Blomberg, K. 1927
Blomquist, G. J. 6938
Blomster, R. N. 1347
Blondel, J. 7112
Bloomberg, W. J. 4498
Blötzer, G. 3273
Bl"skova, G. 3602, 5984, 5985
Blud'ovský, Z. 4220
Bludovsky, Z. 5077
Blümel, U. 6780
Boabaid Ribeiro, J. S. 6376
Boado, E. L. 5303
Boag, B. 547
Boardman, R. 242, 3891
Bobko, A. N. 7168
Bobrikov, B. P. 1931
Bobrinev, V. P. 194, 1730
Bobrov, R. V. 1201
Boccanera, F. 3509
Boccone, A. 1990
Bocharov, I. V. 7342
Bochert, H. 3513
Bock, C. E. 949, 6000
Bock, J. H. 949, 6000
Bodrov, V. A. 1160
Boelter, D. H. 6555
Boesewinkel, H. J. 6202
Bogacheva, I. A. 2089
Bogdanov, B. 2692, 3349, 3999, 5785
Bogdanov, K. 2779, 2783, 2793, 5806
Bogdanov, V. I. 3250
Bogdanova, D. A. 6993
Bogenschütz, H. 1113, 7017, 7649
Boggia, L. 648, 650
Bognár, S. 2556
Bogoroditskaya, O. F. 700
Bogoroditskiĭ, I. I. 700
Böhler, H. 1755
Bohm, B. A. 408
Böhm, W. 962
Bohorquez Rejas, A. 4788
Boïko, M. F. 1515
Boïko, M. I. 6188
Boissière, J. 3261
Boivin, J. L. 5683
Boland, D. 6008, 6009
Boland, D. J. 2972
Boletta, P. E. 4830
Bolivia, Ministerio de Asuntos Campesinos y Agropecuarios 7716
Bolkan, H. A. 7587
Bollen, W. B. 5889
Bolliet, R. 3496
Bolotov, S. 5783
Bolsinger, C. L. 5545
Bona, G. 7479
Boncompagni, T. 7440
Bond, F. L. 5104
Bond, G. 488
Bond, R. S. 5848
Bondarenko, N. Ya. 730, 7056
Bondarenko, V. D. 3474, 4337
Bondoux, P. 1534
Bonduelle 7529
Bonduelle, P. 2302, 2310, 7529
Bones, J. T. 5547
Boness, M. K. E. 7682
Bong Won Ahn 5128
Bonga, J. M. 2918
Bongarten, B. 447
Boni, C. 7204
Bonilla, J. A. 4911
Bonish, H. J. 1702
Bonislawsky, P. 3132
Bonneau, M. 4262, 4852
Bonnefont, J. C. 2622
Bonnemann, A. 3279
Bonner, F. 2919
Bonner, F. T. 697
Bonner, G. 1781
Bonnet-Masimbert, M. 2924, 7243, 7245, 7246
Bonnicksen, T. M. 945
Bonnor, G. M. 1622, 2366
Bons, J. 7116
Booker, R. E. 2823
Boonkird, S. A. 5203
Boonsong Lekagul 2659, 4613
Boorman, L. A. 2976
Boosalis, M. G. 7569
Booth, P. 3854
Booth, T. H. 2803
Boozer, J. R. 229
Borden, J. H. 2078, 3742, 4566, 6270, 6271
Borges, C. 4820
Borges, E. E. de L. e 6762
Borges, M. H. 3507
Borges, R. de C. G. 6762
Borisenko, N. P. 7209
Bormann, F. H. 3568
Born, J. D. 2650
Borota, J. 2238, 3905
Borough, C. J. 4667
Borrero H., J. I. 4622
Borsuk, V. E. 7300
Borthwick, R. B. 2083
Bortnik, A. M. 3448, 4583
Bos, J. van den 78
Bos, M. 2212
Bos, R. 6776
Boşcaiu, N. 3642
Bosch, J. M. 2601
Bösener, M. 7188
Bosetto Fusi, M. 954
Bosshard, H. H. 6042
Bosshard, W. 5530
Boster, R. S. 5999
Bostrand, L. 5310
Boström, C. 754
Boström, U. 3126
Boswell, C. C. 2161
Botenkov, V. P. 1748
Botman, K. S. 4644
Botterweg, P. F. 2532
Bouchard, B. 560
Boucher, C. 2463
Bouchon, J. 313, 1357, 3910
Boudet, A. M. 5649
Boudet, G. 1598
Boudoux, M. 1385
Boudru, M. 4097, 4117, 7268
Bougard, M. 2490, 7377
Bouhot, D. 4497, 7566
Boulanger, J. P. 5232
Boulay, M. 202, 5648, 5650, 7187
Boulbria, A. 6288, 7013
Bourgau, J. M. 5972
Bourgenot, L. 3260, 5473
Bourgeois, W. W. 5900
Bourne, R. A. 1032, 7133
Bournerias, M. 3638
Boussemart, D. 5840
Boutard, B. 384
Bouvarel, P. 3260, 5007
Bovee, K. D. 6357, 6358
Bovey, R. W. 6311
Bovio, G. 5345
Bowden, N. 98
Bowdery, L. 6575
Bowen, G. D. 1091, 1419, 6598, 7561
Bowen, K. 3059
Bowen, M. R. 154, 1034, 4450, 4452, 4458
Bower, L. A. 2005
Bowles, W. D. 5074
Bowman, D. M. 2923
Bowman, J. C. 2195, 3827, 5524
Box, T. W. 5245
Boyce, M. S. 7664
Boyce, S. G. 622, 5828
Boyer, W. D. 6025
Bozarth, R. F. 3709
Braasch, H. 2570
Braathe, P. 1381, 5384
Brabänder, H. D. 4677
Brace, L. G. 2172
Bradbury, I. K. 2702
Braden, M. 592, 593
Bradley, G. A. 2061
Bradshaw, A. D. 4658, 6091
Bradshaw, L. 891
Braekke, F. H. 867
Brække, F. H. 1367, 2380, 2775
Bramlett, D. L. 2952
Brandenberg, M. 7157
Brandi, R. M. 5931, 7199
Brantes, P. de 2376
Brasier, C. M. 504, 1079, 3053, 6208
Bratton, S. P. 3850, 7088
Braun, E. J. 2058
Braun, H. J. 856, 3557
Bray, E. 602
Brayman, A. 591
Brazier, J. D. 2205, 5989, 7432, 7455
Brazil, Empresa Brasileira de Pesquisa Agropecuária 2673
Brazil, Instituto Brasileiro de Desenvolvimento Florestal 3956, 4861
Brechtel, H. M. 6379, 7050, 7423, 7682
Bredberg, C. J. 2744, 5004
Bredenkamp, B. 5805
Bredenkamp, G. J. 2464
Breen, J. 2566, 7000
Breitenbach, F. von 1503
Breithaupt, G. 3897
Bren, L. J. 1597, 1753, 6371
Brénac, L. 3504
Brender, E. V. 7192
Brennan, E. 880, 4470, 4474
Brenner, M. L. 602
Brepohl, D. 4218
Brethes, A. 4262
Bretsch, H. P. 6403
Bretzloff, L. V. 5622
Breuer, D. W. 6548
Brewer, J. W. 6306
Brice-Bruce, A. P. 3395
Briceño, A. 2560
Bridgen, M. R. 379
Bridges, E. M. 3540
Bridges, J. R. 6266
Bridges, R. G. 501
Bridgwater, F. 988
Briggs, D. G. 3203
Brill, H. 2448
Brillant, C. 4214
Brim, S. W. 408
Bringel, S. R. B. 6376
Bringmark, L. 859
Briones, J. P. 5658
Brister, G. H. 4670, 6468, 6552
Brito, J. O. 1702, 4145
Britton, P. E. N. 2275
Britvec, B. 2642
Britwum, S. P. K. 149, 157, 161
Broad, R. A. 3112
Broadbent, K. 589
Broadbent, K. P. 589
Brockway, D. G. 5884, 6553
Brodie, J. D. 3436, 3437, 7153
Brodovich, T. M. 805
Brøgger, P. 1646
Broggi, M. F. 6309
Bromwich, D. 1309
Brooker, I. 6005, 6006, 6007, 6008, 6009, 6010, 6011, 6012, 6013, 6014, 6015, 6016, 6017
Brooker, M. I. H. 406, 1498, 6073, 6079
Brookes, P. C. 6463
Brookman-Amissah, J. 5199
Brooks, K. N. 5583
Brooks, W. H. 2295
Broome, P. 1228
Broshchilov, K. 2717, 7702
Broshchilova, M. 3169
Brosnan, J. 5711
Brosselin, A. 1647
Brosset, A. 7111
Brossmann, L. 1773
Brown, A. G. 161, 1019, 6831, 6837
Brown, C. L. 3974, 7184
Brown, C. W. 707
Brown, D. 7674, 7709
Brown, D. A. 2575, 3577
Brown, G. K. 4093
Brown, G. W. 3194, 6497
Brown, I. R. 6143
Brown, J. K. 1806
Brown, K. W. 6956
Brown, M. S. 5991
Brown, R. 1935
Brown, R. G. 1873
Brown, R. M. 1116
Brown, S. S. 2003
Brown, T. C. 5999
Browne, L. E. 6278, 6997, 7634
Browne, M. L. 1431
Browning, B. 2114
Bruce, A. P. B. 6081
Bruce, D. 297
Bruce, J. 2201
Bruce, W. J. 4629
Brugge, T. 3971
Bruins, A. P. 6776
Brunberg, T. 753
Bruner, G. 1237
Bruner-Newton, I. 1237
Brunes, L. 5633
Brunet, A. M. 2187
Brunet, A. R. 3801
Brünig, E. 5513
Brünig, E. F. 1168, 2474, 3204, 5213
Brush, R. O. 4706
Brutans, L. A. 1733
Bruzon, J. B. 3387, 6581
Bryan, E. L. 1630
Bryan, L. W. 4762
Bryan, R. W. 1630
Bryant, F. C. 4189
Bryant, W. S. 6114
Buch, M. W. von 4993, 5145
Buchanan, N. W. 5302
Buchberger, J. 5589, 5591
Bucher, H. 5856
Bucher, J. B. 5976
Buchinger, M. 4970
Buchli, A. 4224, 4225, 4226
Buckley, G. P. 2156, 5718
Buckman, R. E. 4806
Buckner, C. H. 3083, 3119, 4592, 4880, 5424
Buckner, E. 6818
Buckner, J. L. 554, 6494
Budgeon, L. A. 6942
Budowski, G. 5223
Buell, M. F. 1012
Bueno, P. B. 3414, 3991
Buffet, M. 7263
Bugaev, V. A. 7286
Buhyoff, G. J. 581

Buijtenen, J. P. van 1038, 3325
Bukshtynov, A. D. 2752
Bulavik, I. M. 3571, 6189
Bulgakov, A. N. 2486, 4146
Bullen, S. 3040
Bullock, A. A. 6758
Bullock, J. A. 29
Bulygin, N. E. 7468
Bulygin, Yu. E. 1061
Bulygina, L. S. 1286
Bunn, E. H. 3351
Buntine, D. G. 2789
Burbidge, A. A. 6425
Burch, W. R., Jr. 3242, 6672
Burckhardt, H. C. 2651
Burdekin, D. 3856
Burdekin, D. A. 1099, 1987, 2038, 2509, 2511
Burdett, A. N. 1459
Burdon, J. J. 6111
Burdon, R. D. 836, 986
Burg, J. van den 207, 335, 1893, 3376, 3377, 3482, 3971, 5374, 5435, 5502, 7417
Burgers, T. F. 3497, 4796
Burges, A. 12
Burges, H. D. 2086
Burgess, D. M. 1770
Burgess, I. P. 141
Burgess, R. L. 5020, 5595
Burgos Martinez, F. 4728
Burke, H. D. 6335
Burke, J. M. 6956
Burke, M. J. 603
Burkhart, H. E. 618, 1128, 1361, 1378, 5575, 5577
Burkhin, N. P. 7730
Burley, J. 2, 131, 139, 149, 183, 355, 678, 1903, 5031, 5155, 6128, 6141, 6486
Burman, M. 2573, 2574
Burmester, A. 884
Burnand, J. 3639
Burnell, F. L. 3883
Burns, B. W. 6998
Burns, P. Y. 659, 7232
Burovskaya, E. V. 7209
Burridge, L. O. W. 6447
Burrows, C. J. 4410
Burschel N., P. 4789
Burschel, P. 4950
Burton, H. D. 6506
Burton, P. 1346
Burton, S. 2871
Busby, F. E. 3756
Buschbom, U. 4258
Bush, F. A. ter 5403
Butcher, T. B. 3434, 6839
Butenko, R. G. 6053
Butin, H. 6912, 7585
Butkene, Z. P. 784
Butkus, V. F. 784
Butler, J. H. B. 2738
Butorova, O. F. 4049
Buttoud, G. 651
Butzke, H. 4391
Byalyĭ, A. M. 7057
Bychenkova, È. A. 7481
Byers, A. C., III 6485
Byers, J. A. 7634
Bykova, N. B. 4316
Byrd, B. C. 1757
Byrne, N. 2612
Byrne, R. 933
Byron, R. N. 113
Caballero D., M. 3967
Caballero, J. 3149, 3150
Caballero Nieto, J. 3148
Cabral, M. T. E. C. 6250, 6251
Cabrita Parilli, R. 4729
Cadierno, D. 4538
Cadiz, R. T. 4044, 5684
Cafferata, R. 4977
Cagiotti, M. R. 3465
Cahill, M. J. 431
Cain, M. D. 3744
Calabri, G. 7434
Calderon, S. 3684
Caldevilla, G. M. 4959
Caldwell, M. M. 6649
Calish, S. 6671
Callaham, R. Z. 4734, 5311
Calvert, R. F. 6520
Calvo de Anta, R. M. 7687
Calzavara, B. B. G. 3456
Cameron, E. A. 2533, 2553
Cameron, P. C. 2940
Camino, R. de 5038
Camp, C. S. 1639
Camp, L. B. 6649
Campbell, B. M. 419, 576, 2468, 7726
Campbell, G. K. 3648
Campbell, R. A. 2925
Campbell, R. G. 5823
Campbell, R. K. 1041
Campbell, R. W. 6254, 6957
Campbell, T. E. 199, 5814
Campinhos, E., Jr. 6845
Campos, J. C. C. 4860
Campos Romero, R. 5278
Canada, British Columbia Forest Service 1707
Canada, Canadian Forestry Service 1707
Canada, Fisheries and Marine Service, Land Use Unit 2131
Canada, Forest Engineering Research Institute of Canada 1808
Canada, International Development Research Centre 6632
Canada, Quebec, Comité des Inventaires Aériens du Gros Gibier 2116
Canada, Royal Commission on Forest Resources 2661
Canavera, D. S. 455
Cancela da Fonseca, J. P. 2821
Cándido, J. F. 1712
Cane, A. 1590
Canfield, E. R. 479
Cañizo, A. 489, 3024
Cannell, M. G. R. 1684, 3871, 7530
Cannon, M. 53
Cano, M. A. O. 5931
Cant, J. G. H. 4611
Cantiani, M. 814, 1805
Capellano, A. 6880
Capparelli, F. 1804
Cappelli, M. 677, 5431
Cara, G. 5114
Carbiener, R. 562, 563
Carbon, B. A. 263, 5799
Carbonnier, C. 109, 283
Carcea, F. 5354
Carder, D. R. 10
Carey, M. L. 3563
Carle, P. 2529, 2535, 3088
Carlestål, B. 760
Carlier, G. 2322
Carlisle, A. 443
Carlson, B. 7060
Carlson, C. E. 7421
Carlson, J. A. 2910
Carlson, L. W. 3712, 3713, 5671
Carlson, R. W. 2450
Carlson, W. C. 2875, 7123
Carmana Valdovinos, T. F. 3600
Carne, P. B. 2108
Carneiro, C. M. 5353
Carneiro, N. 4750
Carothers, J. E. 5271
Carpenter, J. R. 595
Carpenter, L. R. 1112
Carrasquilla, M. L. 601
Carré, J. 4190
Carrera García, V. S. 201
Carretero, R. V. 4763
Carroll, M. R. 2620, 3892, 4703, 6450
Carroll, R. B. 2043
Carron, L. T. 5349, 7064
Carter, C. 3856
Carter, D. T. 5625
Carter, J. 2062
Carter, J. V. 592, 593
Carter, V. 6814
Carter, W. M. 3801
Caruso, H. F. 5039
Carvalho, C. M. 4739, 4866
Carvalho, P. E. R. 4079, 5116
Carvalho, R. F. de 188, 191
Carvin, R. P. 4468
Casati, A. 4640
Case, A. B. 1896
Case, P. J. 4328
Casebeer, R. L. 6352
Caser, R. L. 432
Cashin, K. 6425
Casini, S. 3650
Cassells, D. S. 5437
Cassens, D. L. 6069
Castaing, M. H. 247
Castañeda, F. 5796
Castaños M., L. J. 5163
Castellani, C. 1648
Castillo, E. 5307
Castle, E. N. 1211
Castonguay, A. 4214, 4215
Castro, C. F. de A. 3327
Castro, C. S. de 7725
Castro, P. F. de 4085
Castro, R. de F. 2667
Casu, P. 5093
Catalán Bachiller, G. 5454
Cath, P. W. 6368
Catinot, R. 1197, 3912, 4871
Catrina, I. 2826
Cattelino, P. J. 364, 932, 4294, 4295
Cauvin, B. 1991, 2253
Cavalcante, P. B. 4365
Cavalcanti, G. R. A. 162
Cavalcaselle, B. 2099
Cavalli, A. C. 1869
Cavanagh, J. B. 5776
Cavanaugh, J. A. 6118
Cawse, J. 4817
Cawse, J. C. L. 5677
Cayford, J. H. 2865, 4818
Cecelski, E. 3914
Cech, F. C. 456
Cecich, R. A. 2922
Cellerino, G. P. 480, 1990, 3232, 7589
Cellier, K. M. 3241
Cerda, L. 52
Cerda M., L. 58
Cersósimo, F. J. 4764
Cesar, S. F. 4056, 4078
Chacko, R. J. 479, 3698
Chadha, S. S. 2761
Chaiglom, D. 7599
Chakrabarti, K. 4965, 4967
Chakraborty, P. 1495
Chak"rov, N. 3451
Chalk, L. 6768
Challies, C. N. 1581
Chalupa, V. 4037
Chalupka, W. 6062
Chamashama, S. A. O. 3480
Chambers, A. 3144
Champs, J. de 1470, 1722
Chand, G. 3136
Chandra, J. P. 4032, 6539
Chandra, R. 5285
Chaney, W. R. 3622
Chang, S. M. 4589
Chaperon, H. 131, 686, 687, 688, 1051, 5363, 5645, 7186
Chapman, E. C. 5538, 7721
Chapman, S. B. 4411
Chapman, V. R. 4453
Chapman, W. A. 5296
Chapuis, P. J. J. 5040
Charan, A. K. 6817
Chararas, C. 1119, 1120, 4895, 6927
Chardon, W. J. 4273
Charlebois, N. 1627
Charon, D. 1047
Chatelin, Y. 1430
Chatterjee, N. 1878, 4221
Chattoraj, A. N. 4551
Chaudhry, I. 4966
Chaudhry, M. I. 2085, 2557, 3725, 3735, 3779, 4588, 7020
Chaudhuri, A. B. 4965, 4967
Chaurasia, S. C. 3060
Chauret, G. 2852
Chavasse, C. G. R. 1293, 2868, 5568
Chavengsaksongkaram, C. 569
Chedzey, J. 1585
Cheema, M. A. 2759
Chen, M. Y. 228
Chen, S. C. 4209
Chen, T. W. 6945
Chen, W. F. W. 6860
Chen, W. H. 6945
Cheney, N. P. 3593
Cheng, T. Y. 614
Cheng, Y. P. 4589
Cherepnin, V. L. 3335
Cherkashin, V. P. 6961
Cherkasov, A. F. 254
Chernogor, A. I. 7179
Chernov, N. N. 5802, 7216
Chernyaeva, G. N. 4132
Chernyavskaya, O. A. 6295
Chernyavskaya, T. A. 7551
Chernyavskiĭ, V. S. 7345
Chernykh, A. G. 6186
Chernyshev, V. V. 1782
Chernyshov, M. P. 6626, 7286, 7321
Chet, I. 6889
Cheung, K. W. 4326
Chevone, B. I. 4469
Chiba, S. 25
Chibisov, G. A. 7214
Chibisov, S. D. 6333
Chikhachev, V. M. 1916
Chile, Corporación National Forestal 2766
Chile, Departmento Técnico de la Corporación Nacional Forestal 3397
Chile, Facultad de Ciencias Forestales, Universidad de Chile 7100
Chilimov, A. I. 5107
Chilvers, G. A. 6111, 6174
Chimelo, J. P. 2857
China, Chinese Academy of Forestry, Institute of Scientific and Technical Information 6483
China, Kwangtung Province Forest Department, Timber Utilization Research Group 2456
China, Nanking Forest Products Industrial College 1532
China, Northeastern Forestry Academy 474
China, Tree Improvement Laboratory, Heilungkian Institute of Forestry 475
China, Tree Species Editorial Committee 1438
Ching, K. K. 956
Chinte, F. O. 4819
Chippendale, G. M. 3623
Chiribau, V. 4922
Chiriță, C. 6696
Chiriță, C. D. 6696
Chistyakov, A. R. 2745
Chittachumnonk, P. 5204
Chiusoli, A. 1167
Chivers, D. J. 2582
Chládek, Z. 5774
Chmelar, J. 2961
Chmielewski, W. 6258
Chmyr, A. F. 4255
Cho, E. H. 1408
Chock, A. K. 3066
Chodzicki, E. 4941
Choi, C. 1025
Choni, L. I. 3525
Chora, G. G. 7056
Chou, C. K. S. 502
Chow, T. L. 1555
Christensen, B. 5224
Christensen, H. G. 4765
Christensen, N. L. 2825, 4415, 6002
Christensen, P. 1098
Christensen, P. E. S. 6533
Christensen, W. W. 1852

Christersson, L. 1423, 1952, 1955
Christiansen, E. 6340
Christiansen, N. B. 1827, 1830, 1832, 1833
Christie, C. B. 7132
Christie, J. M. 5813
Christophe, T. 7118
Chu-Chou, M. 1332, 6171
Chudnyĭ, A. V. 1068, 1956, 7510
Ciccarone, A. 3227
Cisneros Bueno, P. J. de 5406
Claeson, A. 6904
Claflin, L. E. 1097
Clark, E. 6991
Clark, E. W. 57, 59, 68, 382
Clark, R. A. 1189
Clark, R. W. 6672
Clark, W. C. 2544, 3239
Clark, W. E. 6276
Clarke, B. 4470
Clary, W. P. 5792
Clausen, J. 3430
Clausen, J. T. 5758
Clausen, K. E. 2927, 7548
Clauser, F. 5102
Clauss, V. 7731
Clavarino, G. R. M. 3345
Clavel, P. 560
Claver, I. 4927
Clawson, M. 1835, 2218, 5559
Claydon, N. 2094
Clemens, J. 6714, 7465
Clement, J. 2654, 5352, 5522
Clemente, A. M. 5459
Clements, R. W. 3459, 3460
Clemmer, E. 1807
Clepper, H. 6355
Cleugh, T. R. 7041
Cleve, K. van 237
Cline, M. N. 6203
Clipsham, I. D. 5719
Clopes Boix, R. 5233
Clouston, B. 3856
Clucas, R. D. 3666
Clutter, J. L. 623, 6465
Coaton, W. G. H. 2063, 2064, 4534
Cobham, R. 3856
Cochnauer, T. 6357
Cochrane, T. 3854
Cody, J. B. 7313, 7314
Coe, M. 4696
Coelho, L. C. C. 170, 1699, 1700, 3311
Coen, G. M. 3146
Coetzee, J. 181, 2276
Coffman, M. S. 2982, 5816
Coimbra-Filho, A. F. 2125
Colaone, M. 7145
Colby, J. A. 6387
Colby, P. W. 1757
Colcombet, J. L. M. J. 4859
Cole, A. L. J. 6876
Cole, D. W. 3188, 5880, 5890, 6548
Coleman, A. 2163, 7078
Collens, G. A. 3854
Collins, J. T. 1212
Collins, N. M. 4246
Collins, P. S. 1181
Colombia, Associación Colombiana de Reforestadores 3944
Colombia, Corporación Nacional de Investigación y Fomento Forestal 7169
Colombia, Universidad Distrital 'Francisco José de Caldas' 3598
Colt, J. 7043, 7044, 7045, 7046
Colvin, B. 3854, 5663
Colwell, J. D. 205
Comins, H. N. 6105
Comité International de Coopération des Organisations Syndicales des Travailleurs Forestiers 5003
Con, T. van 7188
Conacher, A. J. 1609
Conard, S. G. 936
Conci, M. 7504
Condat, G. 7289
Condori, R. V. 4865
Connaughton, C. A. 1846
Connell, J. H. 3238
Conner, R. N. 3770, 4523, 4527
Conrad, C. E. 893, 901, 6004
Constantinescu, G. 5283
Contescu, L. 1035, 6846
Contesse González, J. 5566
Contreras, A. H. 5843, 5844
Contreras, S. 1595
Contreras Salas, M. 1879, 1880
Conway, G. R. 6105
Cook, A. 2776
Cook, D. I. 5494
Cook, D. W. 5845
Cook, E. R. 2645
Cook, N. W. 7315, 7329
Cooley, J. H. 6558
Cooper, A. 4418
Cooper, A. B. 3886
Cooper, J. I. 515, 642, 2523
Cooper, J. M. 4270, 6718, 7347
Copaceanu, D. 5401
Cope, O. B. 3755
Coppel, H. C. 4575
Coppola, G. 6402
Corbett, E. S. 5981
Cordell, C. E. 6920
Cordell, H. K. 1663
Core, H. A. 470, 4360
Corke, C. T. 5865
Cornu, D. 6541
Corrêa, H. B. 7033, 7034
Corrêa, J. B. C. 6047
Correa Luna, H. 4976, 4977
Correll, R. L. 3569
Cortes, E. V. 5287
Cortes Salas, H. 1879, 1880
Corwardin, L. M. 6814
Cosijn, R. 79
Costa, A. 489, 3673
Costa, O. de A. 256
Costantino, I. N. 4978
Coster, J. E. 2551, 6995
Costin, E. 2610
Côté, W. A. 4360
Coto Royo, L. 3181
Coto, Z. 2668
Cotter, D. J. 596, 598
Cotton, D. 545
Coughtrey, P. J. 4278
Coulson, R. 4525
Coulson, R. N. 1563
Court, M. N. 2776
Courtois, H. 3042, 3043, 3044
Cousin, C. 248
Cousin, M. J. 2743, 6608
Coûteaux, M. M. 339, 340
Couto, H. T. Z. do 1801, 2416, 3507
Couto, L. 6762, 7199
Coutts, M. P. 3724
Couvier, J. le 1050
Covassi, M. 3234
Cowan, A. A. 3110
Cowardin, L. M. 7074
Cowey, F. K. 5713
Cowling, E. B. 6869, 6870, 7554, 7556
Cowling, R. M. 419
Cown, D. J. 1427, 2336, 7513
Cox, G. S. 1478
Cox, L. A. 481
Cox, P. W. 6112
Cox, T. L. 7365
Cozzo, D. 5029, 5154, 5267, 5567
Crabtree, G. 7226
Cracium, G. 131
Craciun, G. C. J. 1250, 1703
Craig, F. G. 720, 1753, 5505
Craig, G. C. 2397
Craig, I. E. 1414
Craigie, I. 1619
Cram, W. H. 2847
Cramer, L. H. 4636
Crane, W. J. B. 843, 1892
Cranshaw, W. 6240
Cranswick, A. 5735
Cranswick, A. M. 5957
Craven, M. M. 3882
Crawford, D. B. 2208
Crawford, D. J. 380
Crawford, D. W. 258
Crawford, R. M. M. 1946
Cremer, K. W. 1414, 5956
Cress, W. A. 6877
Crête, M. 6341
Crews, D. L. 4928
Crim, S. A. 3909
Crisp, C. E. 1578
Crist, J. B. 7290
Critchfield, W. B. 1482
Crizaldo, E. N. 4031
Croat, T. B. 413
Croisé, R. 4755, 5392
Cromack, K., Jr. 2394, 2395, 5901
Crooke, M. 3875
Crookston, N. L. 6996
Cros, E. T. du 1056, 1891, 6139, 7279, 7549
Crotto, J. E. 4790
Crotto, M. E. 4790
Crouch, G. L. 243, 6325
Crow, T. R. 6658
Crowe, Dame S. 3854
Crowe, S. 580
Crowley, R. H. 5732
Crowther, R. E. 1638
Croy, L. I. 4094
Crutzen, P. J. 2845
Cruz, R. E. de la 4372
Cryan, J. F. 2991
Csuták, J. 3533
Cu Van Vu 968
Cuba, Instituto Nacional de Desarrollo y Aprovechamiento Forestales 5044, 5135, 5178, 5282, 5372
Cuellar Carrasco, L. 5454
Cueva García, L. de la 6492
Cuisin, M. 7114
Cumbie, B. G. 2859
Cumer, A. 5347
Cummings, D. J. 2420
Cundell, A. M. 5991
Cunha, R. A. da 1024
Cunningham, A. 4608, 6364, 7055
Cunningham, J. C. 1575
Cunningham, J. M. M. 3832
Cupertino, F. P. 7587
Curdel, R. 2279
Currie, D. 3055
Currie, P. O. 565
Currier, J. B. 9
Curtin, R. A. 6583
Curtis, B. A. 3174
Curtis, C. R. 881
Curtis, R. L., Jr. 3774
Cushwa, C. T. 7076
Cuthbert, R. A. 4555
Cutler, D. F. 2179
Cutter, B. E. 458
Cvjetković, B. 2516
Czarnowska, K. 6747
Czechoslovakia, National FAO Committee 5336
D., D. X. 7173
Daamen, W. P. 2153
D'Adamo, O. A. 4736
Dadwal, V. S. 4335
Dadykin, V. P. 3403
Dadzie, S. 4634
Dafei, A. 2975
Dafis, S. 3200
Daft, G. C. 2274
Dagnelie, P. 4154
Dahab, A. M. A. 213, 214, 215
Dahlsten, D. L. 2550
Dajoz, R. 6230, 7117
Dakev, T. 6133, 6715
Dakov, M. 3411
Dale, D. 6437
Dale, J. L. 517
Dale, J. W. 6932
Dale, R. W. 4630
Daley, R. M., Jr. 1860
Dalfelt, A. 3932
Dalmacio, M. V. 3417, 4031, 5684, 6532
D'Ambra, V. 6192
Dameri, R. M. 4329
Damme, J. C. van 236
Damyanov, A. 2748
Danchenko, A. M. 5624
Dangerfield, J. A. 3391, 5876
Daniel, M. 6634
Daniel, T. C. 7737
Daniels, R. A. 2941
Daniels, R. F. 1128
Danielson, H. R. 2943
Danilewicz, K. 2491
Danilik, V. N. 2831
Danilov, M. A. 3481
Danilov, N. N. 2109
Dan'ko, V. N. 3822
Danyulis, E. P. 7364
Daoust, R. A. 2095
Dargavel, J. B. 636, 819, 1195, 5371
Darling, S. L. 3061
Darrow, D. A. 6338
Darrow, K. 1323
Darrow, W. K. 1210, 1364, 1429, 2216, 7159
Darvas, J. M. 1540
Das, B. 3931
Das, D. C. 4654
Das, S. N. 2568
Daskalova, I. 3091
Dasmann, R. F. 7715
Dassanayake, M. D. 6800
Daterman, G. E. 4595
Datte, V. 7483
Daubenmire, R. 4380
Dauber, E. 2352, 3925
Daugavietis, M. 4164
Davenhill, N. A. 5735
Davey, C. B. 2937
David, A. 5646, 7185, 7481
David, H. 5646, 7185
David, S. B. 1545
Davidenko, L. K. 2103
Davidov, G. M. 2320, 7357
Davidov, M. V. 806, 7310
Davidson, C. 7476
Davidson, H. 2413
Davidson, J. 168, 679, 1020
Davidson, R. H. 3074
Davies, E. J. M. 3378, 3887, 5764, 6617
Davies, G. 2582
Davies, W. J. 5929
Davis, A. C. 1663
Davis, C. 6507
Davis, C. J. 3700
Davis, D. D. 2832, 3582
Davis, D. G. 756
Davis, D. T. 3276, 3277
Davis, E. J. 3114
Davis, G. 1475
Davis, K. 7007
Davis, L. S. 1839, 7070
Davis, R. C. 5554
Davis, R. G. 2012
Davis, R. K. 4971
Davis, S. E. 5217
Davis, W. 977
Davison, J. G. 5700
Davletova, F. B. 4657
Davydenko, I. A. 4424
Dawkins, H. C. 5834
Dawson, A. F. 1873, 2372
Dawson, D. 7402
Dawson, D. H. 1745
Dawson, F. H. 7694
Dawson, J. O. 7550
Dawson, M. P. 6802
Day, A. C. 4360
Day, K. R. 6939
Day, N. F. 5897
Deacon, J. E. 1595
Deadman, H. 5305
Dean, P. B. 4942
Deans, J. D. 2604
DeBano, L. F. 901, 902, 6004
DeBarr, G. L. 2948, 2950
DeBaun, J. R. 3754
Debazac, E. F. 7110

DeBell, D. S. 5847
Debenedetti, L. 4979
DeBenedetti, S. H. 5992
DeByle, N. V. 259
Decencière-Ferrandière, H. 3261
Decico, A. 7383
Decollogny, P. 6345
Décourt, N. 2350, 5492
Dedenon, J. M. 2398
Dedkov, V. S. 4241, 6705
DeFranceschi, J. P. 2749
Degouge, A. 251
DeGraaf, R. M. 3760
Dehlén, R. 760, 1136, 1317, 1572
Dekatov, N. N. 7362
Delaballe, C. 5041
Delabraze, P. 7266
Delahaye, G. R. 3261
Delaney, B. B. 431
Delaney, M. J. 3129
Delatour, C. 2500, 7246
Delaunay, J. 150, 151, 152
Delcarte, E. 2407, 2411
Delecour, F. 2396, 5869, 5870, 7395
Delgado Flórez, A. 7155, 7371
Delgado Salinas, A. O. 6784
Delincé, J. 5654
Delkov, N. 3859, 7708
Dell, B. 2521
Dell, T. R. 697, 1131, 5814
Delmendo, M. N. 5224
Deltuvas, R. P. 4228
Delucchi, V. 2527, 2538, 2547
Delvaux, J. 281, 2303, 3198, 4188
Delwaulle, J. C. 1296, 1297, 1298, 1750, 2722, 4054, 6518, 6597
Demchenko, A. V. 6227
Demierre, P. 6345
Dempson, J. B. 2132
Dem'yanov, V. A. 2481
Denbnovetskiĭ, G. Yu. 6901, 6903
Denchev, S. 3073
Deneke, F. J. 5578
Dengler, A. 3996
Denison, N. P. 5598
Denisov, A. K. 829
Denisov, S. A. 829, 6760, 7213
Denne, M. P. 377
Dennier, D. A. 2168
Denninger, W. 6600, 6623
Dennis, R. H. 3112
Denny, M. J. S. 3781
Deren'ko, S. A. 6050
Derevyanchenko, S. D. 1018
Dergacheva, M. I. 4241, 6703, 6704
Deroanne-Bauvin, J. 2411
Derr, H. J. 6858
D'Errico, P. 989
Deryuga, E. S. 125
Deryuzhkin, R. I. 7238
Désalliers, G. 1568
DeSteiguer, J. E. 320, 5574, 7363
Destremau, D. X. 4766
Dethier, B. E. 4232
Détienne, P. 1437, 1449, 1450, 1451, 1452, 1453
Detriche, M. 6541
Deusen, J. L. van 6394
Deutsch, L. A. 5459
Deva, S. 6816
Deveaux, C. L. 4076
Deventer, P. van 2562
DeVilbiss, E. D. 551
Devitt, B. 658
Devlin, D. A. 7671, 7672
DeWalle, D. R. 6564
Dewey, J. E. 6254
Dexter, B. D. 889
Deyrup, M. A. 3738, 6990
Dhall, S. P. 984
Dhanarajan, G. 7600
Dharmawan, S. 5197
Diabate, K. 131, 681
Diamandis, S. 402, 980, 981
Dianese, J. C. 7587
Dias, A. B. 4894
Diaz Luna, C. L. 6766
Diaz Pineda, F. 3645, 3646
Diaz Yubero, M. A. 5219
Dibirov, M. D. 473
Dichenkov, N. A. 7438
Dick, M. 1085
Dickens, J. C. 2540, 6268, 6280
Dickman, A. 6119
Dickmann, D. I. 605, 612, 5400
Dickson, A. 5256
Dickson, J. G. 3766, 4523
Dickson, R. E. 874
Diener, T. O. 516
Dierks, A. Z. 7019
Dieterich, H. 4430, 7531
Dieterich, J. H. 930
Dietrich, A. B. 7343
Dietrichs, H. H. 5225
Dietrichson, J. 161, 1251, 1688, 1694, 6519, 7515
Diez-Fierros Viqueira, F. 7687
Dijk, K. van 695
Dika, M. P. 6122
DiLissio, L. E. 6567
Diller, O. D. 1007
Dils, R. E. 4920
Dimbleby, G. W. 6086
Dimeo, A. 7660, 7680
Dimitri, L. 4552, 7571
Dimitriev, P. P. 7396
Dimitrov, D. 2726
Dimitrov, D. I. 4118
Dimitrov, E. 2783
Dimitrov, E. P. 5806, 6386
Dimitrov, E. T. 2769, 2772, 2782, 3477, 3478, 5793, 5806
Dimitrov, Kh. 3328, 7702
Dimitrov, M. 6063
Dimitrov, S. 3349, 3411
Dimmock, G. M. 5967
Dimpflmeier, R. 4430
Dindal, D. L. 6562
Dine, N. W. 5272
Dinus, R. J. 6198, 6831, 6858, 6899
Dirr, M. A. 6443
Dissen, H. D. 5435
Dissescu, R. 5354
Ditlevsen, B. 3005
Dittmar, O. 2307
Dixon, A. F. G. 3237, 6940
Dixon, B. L. 3506
Dixon, G. E. 521
Dixon, M. A. 342
Dixon, R. M. 4934
Dixon, W. N. 6976
Djapilus, A. 3599
Dmitriev, E. A. 5921
Doat, J. 3454, 3912
Doberski, J. W. 6286
Dobhal, N. P. 4140
Dobie, J. 7233
Dobremez, J. F. 5433
Dobrinov, I. 3014, 3411
Dobrovol'skiĭ, B. V. 1135
Dochinger, L. S. 6740
Doctolero, G. B. 4300
Dodge, A. F. 1985
Dodge, M. 935
Dodson, C. H. 6795
Doesburg, H. H. van 2711
Doganlar, M. 1557
Dohrenbusch, A. 7005
Dojack, J. C. 1464
Dokuchaeva, M. I. 1068
Dolan, A. G. 6687, 6688
Dolgodvorova, C. Ya. 4132
Dolgolikov, V. I. 4236
Domanski, S. 351
Dominicis, V. de 3650
Domir, S. C. 971
Don, B. A. C. 7001
Donald, D. G. M. 769, 1818, 2278, 2695, 5381
Donaubauer, E. 548, 5015, 5857
Donis, C. 5326
Doniță, N. 1512
Donnelly, P. T. 1212
Donoso, C. 6145
Donoso M., M. 58
Donoso Z., C. 6625
Donoso Zegers, C. 1975
Donov, V. 2827, 3411, 7061, 7708
Donovan, V. F. 1781
Donselman, H. M. 3063
Doom, D. 2558
Dorado, E. 3532
Dorly, M. 4659
Dorman, K. W. 7521
Dormanov, B. A. 712
Dormling, I. 1268, 5640
Dorn, D. E. 453
Dorofeeva, L. M. 4235
Doroshenko, N. P. 3248
Dorostkar, H. 1514
Dorset, R. D. 4467, 4480
Dorworth, C. E. 7578
Dotta, E. 5345
Doubliez, B. 248
Doughton, K. 7128
Douglas, A. W. 5612
Douglass, B. S. 5403
Dourojeanni, M. J. 4960, 5215
Dovland, H. 2381
Dowden, H. 2024
Dowden, H. G. M. 501
Downer, P. S. 6757
Downing, K. B. 6960, 7092
Downing, P. 3275
Doyen, A. 3989, 6431
Drachkov, V. N. 3065
Dragsted, J. 2610
Drakenberg, K. 718, 1203, 1317
Drane, A. B. 6273
Dransfield, J. 991, 6632, 6792
Draper, S. A. 6486
Dreĭmanis, A. 4436
Dremov, N. I. 7396
Dress, P. 4369
Drew, T. J. 3433
Driessche, R. van den 4326, 5894
Drinić, P. 282
Driscoll, R. S. 7072
Drochnev, Ya. G. 3660, 4149
Dropkin, V. H. 3094
Droste zu Hülshoff, B. von 5027
Drouin, J. A. 2100, 6302, 6303
Drozdov, N. S. 2762
Drozhalov, M. M. 7146
Druzhinin, N. A. 3405, 3481, 4146
Drysdale, D. P. 5340
Dubé, D. E. 5994
Dubé, J. 4253
Dubois, F. X. 7254
Dubois, L. 7235
Ducauze, C. 1119, 1120
Duchacek, H. 2765
Duchaufour, P. 7106
Duckworth, W. D. 6946
Ducrey, M. 7251
Duda, V. V. 5824
Dudchenko, L. G. 2020
Duerr, J. B. 1843
Duerr, W. A. 1400, 1827, 1828, 1829, 1831, 1833, 1843, 1850
Dufour, J. 7549
Dukharev, V. A. 1983
Dukhovnikov, Yu. 2783, 2793
Dukhovnikov, Yu 5806
Dulitz, D. J. 7315, 7329
Dull, C. W. 552
Dulypach, S. 5190
Duma, J. 3261
Dumant, M. J. 2250
Dumas, M. T. 1088
Dunaeva, I. V. 2263
Dunball, A. 3823
Dunberg, A. 5634
Dunberg, R. A. 7516
Duncan, D. 7091
Duncan, D. A. 6823
Duncan, H. J. 6708
Duncan, H. P. 6391
Duncan, M. B. 6098
Duncan, W. H. 6098
Dunin, V. F. 7677
Duniway, J. M. 1080
Dunkerley, J. 3914
Dunlop, C. R. 1498
Dunn, B. A. 5590
Dunn, P. H. 901, 902
Dunwiddie, P. W. 4717
Duplat, P. 3496
Dupuis, P. 2679
Durand, R. 5649
Duranti, G. 6654, 6655, 6656
Durzan, D. J. 528, 2925, 2954
Dušek, V. 4052
Dushauskene-Duzh, R. F. 5965
Dutt, B. S. M. 2435
Duval, J. 4659
Dvorak, W. S. 6833
Dwinell, L. D. 513, 2009, 2011, 6503
Dwivedi, R. S. 2057
Dworsky, R. F. 6
D'yakov, V. N. 7699
Dye, P. J. 5918
Dyer, A. A. 3909
Dyer, E. D. A. 541, 2082
Dyer, T. G. J. 3174
Dykstra, G. F. 5394
Dyrkacz, T. 6893
Dyson, W. 3350
Dyson, W. G. 1531, 6834
Dzhalilov, K. G. 739
Dzhanseitov, K. K. 6961
Dzhorgov, I. 2793
Dziadzio, M. 5663
Dzieciołowski, R. 5456
Dzyarugina, T. F. 2429
Eadie, J. 3832
Eakle, T. W. 365
Earl, D. E. 5042
Easterbee, N. 6328
Eaton, J. S. 3568
Ebbels, D. L. 3066
Ebeling, F. 5008
Eberhard, I. H. 3789
Eberle, I. 1616
Ebert, W. 1346
Ebinger, J. E. 6117
Ebringerova, A. 1939
Echelberger, H. E. 7738
Echenique-Manrique, R. 3600
Eckert, R. E. 5733
Eckhart, G. 3919, 6480
Eckholm, E. P. 2617
Eckles, K. L. 4292
Eckstein, D. 6034, 6035
Edees, E. S. 990
Edgar, J. G. 1169, 5505
Edge, E. A. 836
Edgerly, J. S. 4548
Edgerton, B. R. 6567
Edi Guhardja 5388
Edlin, H. L. 1200
Edmonds, J. W. 2161
Edmonds, R. L. 4248, 6556
Edson, L. 4525
Edwards, D. 2024, 3805
Edwards, D. G. W. 2942
Edwards, I. K. 5669
Edwards, J. C. 1575
Edwards, M. G. 3771
Edwards, P. N. 3500
Edwards, T. L. 6939
Edwardson, T. E. 5125
Eerden, E. van 1457, 1465, 1466, 1474, 2864, 2867, 2874, 2882, 2890
Efremova, V. A. 2092
Egawa, H. 6048
Egenti, L. C. 131, 153, 2958
Egger, A. 548
Eggert, K. G. 11
Egging, L. T. 4291
Ehrenberg, C. 1268, 2997, 3008, 5640
Ehrenberg, C. E. 6852
Ehrler, W. L. 1345
Ehrlich, P. R. 4699
Ehrlinger, J. 6777
Eiberle, K. 4625, 6319, 6322, 6339
Eichlin, T. D. 6946

Eichrodt, R. 6309
Eid, O. 1603
Eidmann, H. 2549
Eidmann, H. H. 534
Eijsackers, H. 3425, 4272, 4273, 6720
Eilert, A. G. 6605
Eimers, K. L. 3299
Eis, S. 1476
Eisenhauer, G. 1672, 3284, 3292, 7163
Eisner, T. 6283
Ejlersen, A. 1567
Ek, A. R. 796
Ekberg, I. 1440, 1490
Ekman, R. 3606
Ekstrand, R. E. 7437
Ekuan, G. 3445
Ekundayo, O. 2898
Ekwebelam, S. A. 6878
El Houri Ahmed, A. 1763, 2345
El-Lakany, M. H. 6832
El Salvador, Dirección General de Recursos Naturales Renovables 1973
El-Tawil, B. A. H. 1483
Elam, W. W. 3906
Elamin, H. M. 1960, 1989
Elbourn, C. A. 3973, 6507
Eldridge, K. G. 6831, 6837
Elenbroek, G. A. 7474
Elfner, L. E. 1003, 2835
Elfving, B. 795
Elgmork, K. 7036
Elgueta Salinas, H. 5698
Elias, T. S. 582
Eliasson, L. 5633
Elisei, F. 299, 324, 5082
Elizarov, A. F. 7149
Elk, B. C. M. van 1282, 2708
Elkington, J. 1642
Elkins, J. R. 4471
Ellenberg, H. 998, 3647
Elliot, W. 2200
Elliott, D. A. 5341
Elliott, G. K. 99
Elliott, R. A. 5720
Elliott, W. J. 4569
Ellis, J. A. 6338
Ellis, S. L. 7062
Ellis, T. H. 1742
Ellwood, E. L. 1211
Elmi, A. S. 7304
Elovirta, P. 5262
Elsner, G. H. 3158, 7077, 7732
Elson, P. F. 3801
Elverfeldt, A. Freiherr von 5124
Emberlin, J. C. 6585
Embree, D. G. 1576
Emel'yanova, L. A. 674
Emino, E. R. 701
Emmerich, W. 1697
Enabor, E. E. 2660, 5308
Enchev, E. A. 3602, 5984
Encheva, L. 7622
Endo, T. 4912
Enescu, V. 176, 1035, 6846
Enescu, V. C. 7518, 7519
Enghardt, H. G. 5798
Engler, J. M. 2282, 7249
Enk, J. 4676
Ennis, T. J. 1627, 5516
Enright, N. J. 734
Ensing, G. 3288
Entwistle, P. F. 2572, 6301
Enyola, M. K. L. 3480
Eppenga, R. 3467, 6613
Epps, G. A. van 4603
Eremeev, A. 6640, 6641, 6642, 6657, 7359, 7718
Eremeev, A. G. 2217
Eremin, V. 3601
Eremin, V. M. 1070
Erickson, B. J. 520
Erickson, D. L. 1663
Ericson, O. 6691
Ericsson, T. 1524, 3006
Eriksen, A. B. 6054
Eriksson, E. 5951
Eriksson, G. 1021, 1440, 1490, 1523, 3009, 7517
Eriksson, H. 1379
Eriksson, L. 624, 763, 2318
Eriksson, T. 1716, 3000, 5630
Ermakov, G. N. 829
Ermakov, V. E. 1376
Ermolenko, P. M. 4381
Ermolova, L. S. 1365
Errasti, R. de 4897
Erskaya, G. G. 524
Erteld, W. 2339, 2341
Erz, W. 3836
Esau, K. 6768
Esbenshade, H. W. 5211
Escobar, L. K. 4701
Escudero, J. 2126
Eshbaugh, W. H. 6074
Es'kin, B. I. 7624
Esler, A. E. 4410
Eslyn, W. E. 1996
Espeseth, R. D. 1183
Estabrooks, G. F. 1576
Esterbauer, H. 3581, 5982
Estrada, P. de 4790
Etholén, K. 1929, 5741
Etman, M. A. 2254
Etverk, I. 1063
Euale, L. 3701
Euale, L. R. 3702
Eugenia Díaz, M. 3149
European Communities, Commission 114, 115, 116
European Inland Fisheries Advisory Commission Working Party on Biological Monitoring 557
Eusebio, M. A. 6890
Evans, H. F. 6301
Evans, J. 2806, 3573, 4173, 5380
Evans, J. O. 4807
Evans, K. E. 3767, 7662
Evans, P. A. 3975
Evans, R. M. 7739
Evdokimenko, M. D. 1919
Evdokimov, A. P. 1013
Evdokimov, V. N. 5693, 7341
Evenari, M. 4258
Evers, F. H. 2600, 6384
Evrard, R. 7309
Ewald, K. C. 7746
Ewald, W. 7745
Ewel, J. J. 1746
Ewel, K. C. 6554
Ewing, A. J. 6486
Ewing, K. L. 3974
Ewing, R. A. 5555
Ewusie, J. Y. 4373
Ezell, W. A. 5990
Ezumah, B. S. 4447
Faber, P. J. 3432, 5374
Fabre, J. P. 6238
Fabrichnyĭ, B. I. 7207
Fagerström, T. 3089, 4265
Fagundes, M. de A. 1699
Fahey, T. J. 4650
Fahl, R. J. 6487
Fahlroth, S. 1686, 1734
Fahnestock, G. R. 5994
Fairfax, S. K. 5301
Faith, D. P. 6941
Fajardo, J. F. P. 3951
Fakirov, Ÿ. 3517
Falaleev, È. N. 822
Falconer, A. 3782
Falkenhagen, E. R. 131, 1696, 2239, 2681, 4005
Falla Ramírez, A. 5059
Fallat, C. 7062
Falvey, L. 5210, 5379
Fam Van Nang 4316
Familton, A. K. 3224, 5060
Fanelli, C. 2496
Fanshawe, D. B. 4981
Fargo, W. S. 1563
Farina, G. 5103
Farmer, R. A. 2287
Farmer, R. E., Jr. 3614, 5570
Farnsworth, C. E. 4878
Farnsworth, M. C. 3151, 6412
Farnsworth, N. R. 1347
Farooqi, M. I. H. 4139
Farr, W. A. 799
Farrell, E. P. 3495, 3563
Farrell, P. W. 2846
Farshad, M. 3585
Fasick, C. A. 3841
Fassbender, H. W. 2403
Faulds, W. 3052
Faulkner, R. 1516, 3870
Fauvel, G. 545
Favereau, P. 2258
Favre, J. M. 6540
Fay, S. C. 4709, 4710
Faye, M. 5646, 7185
Fayle, D. C. F. 2884
Fazal, Q. 2332
Fechner, G. H. 2920
Federov, N. I. 4500
Fedorchuk, V. N. 3653
Fedorov, F. F. 7679
Fedorov, N. I. 4513
Fedorov, P. F. 1783
Fedorova, A. I. 2906, 6058
Fedoruk, A. T. 192
Feduccia, D. P. 5814
Fedyukov, V. I. 3419
Feinsinger, P. 6064
Feklistov, P. A. 3407, 7341
Feldman, I. 4832, 6310
Feliciano, F. 7359, 7718
Felker, P. 6630
Fell, J. D. 3267
Fenaroli, L. 417
Fenn, J. A. 181, 2276
Fennety, J. T. H. 3801
Fensom, D. S. 342
Fenton, R. 1765, 3511, 4879
Feofilov, V. A. 7142
Ferda, J. 3826
Ferenczy, J. 548
Ferguson, I. S. 3218, 5263, 5823
Ferguson, J. D. 420
Fernandes, A. 7498
Fernandes, P. de S. 1699, 4336
Fernandez, C. T. 4778
Fernandez, L. V. 1790
Fernández-Murias, B. S. 2828
Ferrandes, P. 7549
Ferrão, J. E. M. 2438
Ferrar, P. 2405
Ferrata, M. 6192
Ferreira, M. 1702, 1984, 4010, 4820
Ferreira, R. J. F. 2667
Fettes, J. J. 4880
Ffolliott, P. F. 10, 5182
Fibiger, W. 5280, 5281
Fiddick, R. L. 6176, 6177
Fiedler, H. J. 3544, 5652, 5661, 5664
Fiedler, V. 6312
Fielding, J. M. 132
Fight, R. D. 6671
Filatov, M. A. 363
Filer, T. H., Jr. 2012
Filion, L. 4682
Filip, G. M. 1092, 1094, 3697
Filippov, A. V. 1910
Filippov, S. N. 2315
Fil'roze, E. M. 3250
Fimreite, N. 1144
Fink, D. H. 1345
Finland, Metsänjalostussäätiö 2483
Finlaysen, S. 1346
Finlayson, F. 530
Finlayson, W. 5096, 6507
Finnegan, R. J. 3751
Finol U., H. 3406
Finol, U. H. 5173
Fioravanti-Molinié, A. 3156
Firet, J. F. 2362
Firsova, B. P. 3246
Firsova, V. P. 6702, 6703, 6704
Fischer, V. L. 4951
Fischlin, A. 2545, 2546
Fish, R. H. 7634
Fisher, C. E. 6607
Fisher, J. T. 596, 598, 608
Fisher, R. A. 1553
Fisher, R. F. 999, 5838, 5885
Fisher, W. J. 6611, 6668, 7086
Fishwick, R. W. 167
Fitzgerald, T. D. 4548
Fiussello, N. 7479
Flach, K. W. 7076
Flake, R. H. 6136
Flanagan, P. W. 6706
Fleet, R. R. 4523, 4528
Fleming, Sir C. A. 1001
Fleming, T. H. 2585
Flenley, J. R. 423
Fletcher, J. 2644
Fletcher, P. J. 420
Flewelling, J. W. 3433
Flinchum, D. M. 5580
Flinders, J. T. 4627
Flinn, D. W. 1760, 2846, 4040, 5662, 6371, 7285
Flinta, C. M. 5376
Flora, T. 3170
Florance, E. R. 1087
Flore, J. A. 2413
Florence, R. G. 4114, 6802, 7066
Flores, G. 3686, 6897
Flores Mata, G. 435
Florez, A. D. 3950, 6410
Florido, L. V. 2754, 4034
Florov, R. 6052
Flouzat, G. 825
Flower, N. 3927
Flowerdew, J. R. 6317
Floyd, A. G. 993
Flückiger-Keller, H. 1899, 6724
Flückiger, W. 1898, 1899, 2834, 6724
Foeken, D. 1786
Fogal, W. H. 3085
Fogg, P. J. 5276
Foil, R. R. 5581
Fontaine, R. G. 5139
Fontes, M. de A. 3327
Food and Agriculture Organization 96, 1199, 1651, 2159, 2223, 3828, 3829, 4744, 4746, 6482
Food and Agriculture Organization, Forestry Department 5156
Ford, E. D. 2604, 3864, 3872
Ford, K. 5835
Ford, L. B. 50, 61
Ford, R. P. 7608
Forman, R. T. T. 2985, 4624, 5916
Förster, M. 1511
Forster, R. B. 4898
Forsyth, L. S. 2137
Fortescue, J. A. C. 5850
Forthing, J. G. 519
Fortin, J. A. 483
Fosberg, F. R. 6800
Fossa R., H. 4742
Fossard, R. A. de 1032, 7133
Foster, C. H. W. 6491
Foster, G. S. 988
Foster, J. 2198
Foster, M. B. 6802
Foster, N. W. 5865, 6545
Foster, R. B. 4694
Foudin, A. S. 3094
Fournet, J. 6793
Fowler, D. 7425
Fowler, D. P. 441, 7515, 7517
Fox, A. V. 4011
Fox, B. J. 3535
Fox, J. E. D. 415, 2480, 6123, 6773, 6861, 7464
Fox, J. F. 6330
Fox, L. R. 6279
Fox, M. D. 3535
Fozzer, F. 5450
France, ARMEF/CERMAS 1774
France, Association Forêt-Cellulose 5643
France, Centre Technique du Génie Rural, des Eaux et des Forêts 7673
France Comité Scientifique du Parc national de Port-Cros 6434

France, Ministère de l'Agriculture 6478
France, Société d'Études Techniques et d'Entreprises Générales 5110, 5243
France, Station de Recherches sur la Forêt et l'Environnement, INRA 4704
Frances, R. 5260
Franchet, A. 202
Francis, B. A. 881
Francis, G. J. 640, 5348
Francis, J. K. 1933, 3416, 7380
Francis, M. 1212
Frančišković, S. 3917, 4058
Franclet, A. 2251, 2265, 5644
Franco Baqueiro, M. G. 1812
Francois, L. E. 1189
Franich, R. A. 64
Frank, F. F. 7697
Franken, W. 2603
Frankland, J. C. 7404
Franklin, D. A. 733, 1290
Franklin, E. C. 1906
Franklin, J. F. 4289, 5888
Fraser, A. I. 4751
Fraser, T. 663, 832
Frauendorfer, R. 6517
Fravel, D. R. 2013
Frayer, W. E. 7070, 7076
Freccero, V. 2496
Fredén, E. 5147
Frederick, D. J. 5616, 5816
Frediani, G. 5063
Fredrickson, L. H. 6332
Fredriksen, R. L. 5892
Freed, M. 4982
Freeman, B. L. 4547
Freeman, D. C. 4603
Freeman, T. E. 3704
Freezaillah, B. C. Y. 2702
Freist, H. 815
Freitas, E. R. 4820
Freitas, M. de 4061
French, D. W. 2019, 4465, 4492
French, J. R. J. 5495
Frenken, G. 2526
Fretz, T. A. 610
Frey, U. 5586
Frías, G. 4786
Fricker, C. 7288
Fridborg, G. 3000, 5630
Fridriksson, S. 6087
Fried, J. 4569
Friedhoff, J. F. 6608
Friend, G. R. 2107
Fries, J. 278, 283, 618, 1316, 5364
Frischknecht, N. C. 4605
Frisk, T. 4075, 5266
Frison, G. 401, 3380
Frisque, G. 1807
Frisse, E. 6034
Frissell, S. S. 7090
Frivold, L. H. 1380
Frochot, H. 7265, 7266
Froehlich, H. A. 5898, 7385
Froemel, E. 856
Fröhlich, G. 6461
Froidevaux, L. 6874
Frolov, V. T. 790
Frömel, E. 3557
Froment, J. 2257
Fromsdorf, U. 6616
Froncillo, A. 5344
Frühwald, A. 2448
Fry, G. L. A. 5573
Fu, M. L. 1267
Fuchigami, L. H. 7122, 7226
Fuchs, M. 5809, 5810, 5811
Fuchs, M. I. 5809, 5810, 5811
Fuente, G. de la 4980
Fuentes, J. M. 4821
Führer, E. 1129, 1130, 6989
Fujimori, T. 3490
Fujita, M. 1944
Fukarek, P. 4393
Fuksman, I. L. 6749
Fukuda, T. 2911
Fukuizumi, Y. 4586
Fukutomi, A. 4017
Fulcher, G. D. 1862
Fullagar, P. J. 3777
Fuller, P. J. 6425
Fuller, R. M. 2976
Fullinwider, J. A. 261
Funaki, T. 4287
Funk, A. 6190
Funk, D. T. 182, 2241, 4328, 7255, 7277
Furch, K. 3551
Furnica, H. 5401
Furniss, M. M. 4602, 6984
Furukoshi, T. 1022
Furuta, K. 2067, 4541
Fusonie, A. E. 6453
Fyles, T. M. 2072, 6969
Gaas, A. A. 1320
Gabbrielli, A. 646, 7140
Gac, A. 5529
Gadant, J. 2206
Gadgil, P. D. 3528
Gadgil, R. 716
Gadgil, R. L. 3357, 3528
Gadola, C. 5832
Gadow, K. von 181, 2117, 2785, 5826
Gadzhieva, G. G. 6627
Gael', A. G. 571
Gagnaire-Michard, J. 3612, 6540, 6541
Gagne, G. 657
Gagné, R. J. 3749
Gagnon, J. D. 2750
Gagov, V. 2684
Gaie, W. 484
Gaillard, J. B. 4881
Gajardo Michell, R. 4423
Galaaen, R. 6179, 6916, 6917, 6918
Galas'eva, T. V. 1121, 6218
Galkin, G. I. 7010
Gallagher, G. 284
Gallagher, G. J. 5351
Gallardo Martin, J. 5230
Gallego Blazquez, L. A. 5137
Gallegos, C. M. 2935
Gallegos G., C. 4789
Galli, A. E. 4624
Gallozzi, A. C. 3507
Galoux, A. 5656
Gambi, G. 417, 2192
Gan, A. P. 1887
Ganapathi, A. 4515
Ganchev, G. 3080, 3082
Ganchev, P. 6147
Gane, M. 5053
Ganguli, B. N. 5317
Ganser, H. G. 2030
Gansner, D. A. 579
Gao, T. X. 6945
Gara B., R. 58
Gara, R. I. 6990
Garay, I. 7118
Garbaye, J. 2267, 2716, 7272, 7282, 7283
García A., M. H. 4046
García Alvarez, A. 5480
García Arellano, D. 5795
García Frades, J. P. 2828
García Gonzales, G. 5219
Garcia, J. G. 7496, 7497
García Labougle, M. 4790
Garcia, N. 2477
García Salmerón, J. 5183
García Salvador, R. 4968
Gårdh, R. 2230
Gardiner, A. S. 6161
Gardiner, J. J. 4279
Gardiner, L. M. 3701, 3702, 4554
Gardner, B. D. 1211
Gardner, G. 6317
Gardow, K. von 2276
Garelkov, D. 4072
Garforth, M. F. 2306, 3378
Garg, I. P. 5167
Garg, R. K. 1362
Garia S., J. 3413
Garilov, Ch. 2726
Garkunov, G. A. 1289
Garland, J. J. 4928
Garnett, T. F. F. 2224, 2621
Garnock-Jones, P. J. 1501
Garrasino, L. M. 5061
Garraud, S. 3984
Garreau, B. 7256
Garrec, J. P. 5971
Garrett, H. E. 1478
Garrett, L. D. 2764, 2765
Garrett, P. W. 1075
Garrido, M. A. de O. 4084, 5623
Garrison, G. A. 6823
Garshina, T. D. 773
Garthe, H. J. 5950
Gartland, H. M. 4822
Gartner, J. 2715
Gary, H. L. 565
Gascoigne, P. E. 6689
Gash, J. H. C. 5948, 7689
Gaskin, R. E. 2740, 3427
Gaspar, C. 2630
Gaspar-Dautrebande, S. 4631
Gaspar, T. 965
Gasparrini, G. 5368
Gastó, J. 5247
Gaston, A. 1504
Gates, J. E. 6351
Gathy, P. 2257, 7309
Gaudet, D. A. 2028
Gaudreau, L. 2475
Gauss, R. 7647
Gaussen, H. 428, 1959, 2809, 2810, 3624
Gauthreaux, S. A., Jr. 3763
Gauvin, G. 3838
Gavelis, W. H. 7153
Gavidia, A. T. 4025
Gaviria, G. G. 3951
Gavrilov, A. F. 1286
Gavrilov, V. A. 5824
Gavrilova, Zh. A. 7366
Gáwlińskim S. 3390
Gazdanov, A. U. 715
Gazdzyauskaite, I. B. 6739
Gbile, Z. O. 4445
Gedney, D. R. 1842, 5555
Geertsema, H. 47, 2275
Géhu, J. M. 4685
Geier, L. 6780
Geimer, R. L. 261, 7290
Geldenhuys, C. J. 1016, 1360, 2268
Gellini, R. 3231
Gembong Tjitrosoepomo 5228
Gemmell, R. P. 3139
Gemmer, T. V. 5998
Gena, C. B. 6027
Gencheva-Kostadinova, S. 3523
Gencheva, S. 7061, 7708
Gendron, P. 4214
Generalao, M. L. 4151, 5788
Genfors, W. 1238
Genil, Z. N. 3734, 4031
Gennari, M. 3230
Genszler, H. 2357
Gentile, I. A. 3230
Gentry, A. H. 6795
Geoffroy, J. J. 7118
George, A. S. 4407
George, J. F. 4606
George, J. L. 7671, 7672
George, M. 4645
George, M. F. 601
Georgiev, G. I. 5987
Georgievskii, A. B. 5681
Geov, V. Ya. 820
Gerard, C. J. 1418
Gerasimov, V. T. 2745
Gerault, A. 485
Gerber, H. L. 212
Gergácz, J. 6204
German Democratic Republic, Technische Universität Dresden, Sektion Forstwirtschaft Tharandt 1193, 1633, 3894
German Federal Republic, Biologische Bundesanstalt für Land- und Forstwirtschaft Braunschweig 7225
German Federal Republic, Bundesforschungsanstalt für Forst- und Holzwirtschaft 584, 585, 586, 587
German Federal Republic, Bundesgesundheitsamt Berlin 7225
German Federal Republic, Kuratorium für Waldarbeit und Forsttechnik 1664
Germán-Ramírez, M. T. 6067
Germishuizen, P. J. 770, 5601
Gerrettson-Cornell, L. 493, 494, 495, 501, 2024, 2508, 6185
Gessel, S. P. 3192, 3383, 5872, 5895
Gether, J. 2799
Getz, L. L. 3792
Ghazal, H. 5672
Ghemawat, M. S. 6027
Ghigliazza, P. 2432, 3345
Ghimessy, L. 665
Ghosh, A. K. 4537
Ghosh, R. C. 2283, 3589, 4647, 5064, 5442
Giaccobe, A. 7376
Giacomini, V. 322, 1175
Giannini, R. 692, 698, 1023, 1062, 5208
Giannotti, E. 1699, 1766
Gibberd, F. 3854
Gibbs, J. N. 482, 2041, 3054, 3068, 6208, 7580
Gibbs, R. S. 2658
Gibson, I. A. S. 38, 39, 55, 66, 69, 6164, 6883
Gibson, L. P. 2964
Giertych, M. 1031, 5611, 6783, 7515
Gietl, G. 5949
Giffard, P. L. 4791
Gilbert, D. L. 6337
Gilbert, K. 7686
Gilbert, L. E. 4693
Gilbertson, R. L. 2506, 6165
Gilchrist, A. J. 5723
Gilchrist, A. N. 2737
Giles, R. H., Jr. 1863, 3123
Gill, A. M. 896, 1432, 2427
Gillen, K. J. 3037
Gilliam, C. H. 4269
Gillin, O. 4222
Gillmor, D. A. 2171
Gilmour, D. A. 5437
Gilmour, J. R. 4823
Gimbarzevsky, P. 1613, 2983, 3837
Gimingham, C. H. 4411
Ginter, D. L. 3561
Ginzburg, L. R. 3565
Giordano, E. 4882, 5208
Girbal Llado, J. 2980
Girling, D. J. 3862
Girshevich, E. I. 7683
Gittins, D. 7158
Giulimandi, G. 6655, 6656
Giunchi, A. J. 4792
Giurgiu, V. 285
Giyazov, S. N. 7301
Gjedrem, T. 3805
Gjerstad, D. H. 5732
Gjessing, E. T. 2383
Gladyshev, A. I. 1820
Glagolev, V. A. 1354
Glänzer, U. 7747
Glass, R. J. 1854
Glavaš, M. 2516
Glazov, N. M. 6662
Glazyrin, G. E. 7300
Gleizes, M. 390, 391
Glen, L. M. 1754
Glennie, E. B. 2354
Glew, D. R. 4823
Glidden, W. T., Jr. 6672
Glover, F. A. 6403
Glover, G. R. 794
Gnatenko, E. G. 7215

Gninenko, Yu. I. 4545, 7164
Göbl, F. 3021
Goda, S. 1652
Goda, S. el D. 1652
Godbee, J. F. 6239
Goddard, M. K. 4952
Goddard, R. E. 1019, 2956
Godding, S. J. 5722
Godefroid, C. 2407
Godefroy, J. 2392
Godin, V. B. 1607
Godinho, J. C. 4778
Godkin, S. E. 2852
Godnev, E. D. 751
Godovalov, G. A. 3461
Godron, M. 6088
Godunova, N. Yu. 1756
Goff, N. le 4120, 4191, 7271
Goff, T. R. 2137
Gogue, G. J. 701
Goh, K. M. 422
Gøhrn, V. 179
Goillot, C. 6238
Golden, M. S. 6826
Goldman, C. R. 6388
Goldstein, G. 4768
Golet, F. C. 6814
Golfari, L. 432, 4767, 6523
Golomazova, G. M. 2909, 6059
Golovikhin, I. V. 1386
Golubev, A. V. 6217, 6220
Golubev, V. B. 6221, 6223
Golubev, V. I. 4496
Golubev, V. N. 4312
Golubinskaya, N. S. 6875
Golutvin, G. I. 1115, 6643
Gomes, J. M. 5931, 6762, 7199
Gómez Barreto, M. G. 5043
Gómez, I. 4768, 4832
Gómez Ricaño, J. M. 4769
Gómez Ricaño, J. R. 7359, 7718
Gonçalves, A. E. 7495
Gonçalves, M. L. 7493, 7494, 7499
Gonçalves, W. 1737
Gonchar, M. T. 2157
Gonzalez, A. 2704
González, A. 4843
González Antoñanzas, F. 1802
Gonzalez Bernaldez, F. 3645, 3646
González, E. 6806
Gonzalez Esparcia, E. 233
Gonzalez, J. F. 3949
González, R. 6433
González, R. A. 4793
González Rondón, O. A. 6641, 6657
Good, J. E. G. 1619, 5485, 7129
Good, N. F. 2992
Good, R. E. 2992
Good, W. S. 5838
Goodall, B. 6435
Goode, P. J. D. 2176
Goodenough, D. 2372
Goodfellow, M. 7402
Goodricke, T. G. 2325
Goodwin, J. 5293
Goodwin, J. F. 667
Goolsby, R. P. 6536
Goor, C. P. van 3377, 3441
Goosen, M. G. 2357, 2361
Goossen, H. 7645
Gorbanov, S. 1739
Gorbok, V. M. 5615
Gorchakovskiĭ, P. L. 2459, 6726
Gorcharuk, L. G. 6703
Gordienko, M. I. 1930
Gordienko, P. V. 6872
Gordienko, R. N. 2373
Gordiner, L. M. 1562
Gordon, A. G. 841, 2962, 5672
Goren, R. 613
Gorham, E. 2346
Gorman, O. T. 6360
Gornicki, P. P. 5590
Gornostaeva, L. I. 4320
Górny, S. 6212
Gorova, T. L. 6167, 6871
Gorst, J. R. 7133
Goryshina, T. K. 6828
Gossow, H. 3205, 3885
Gösswald, K. 4591
Goswami, P. C. 5196
Gotass, Y. 838
Gotlib, N. F. 7164
Gotlieb, A. 6893
Gotlieb, A. R. 4472
Götsch, H. 6472
Gottschalk, K. W. 612
Gottwald, H. 4349, 7454
Goudriaan, J. 5940
Gouin, F. R. 2269, 2297
Goulart, L. M. 3466
Gould, E. M., Jr. 5563
Goulter, P. F. E. 3529
Gourbière, F. 514
Gouttin, P. 3301
Gowen, P. 4473
Gowen, P. E. 4473
Grace, J. 1717
Gradi, A. 5450
Graham, K. 3132
Graham, M. 3464
Grainger, A. 5211
Grammel, R. 5269
Grand-Mesnil, M. N. 3261
Grande, M. 2130
Granet, A. M. 2535, 3088
Graney, D. L. 3375
Granfelt, C. E. 6753
Granger, D. E. 2378
Granhall, U. 6707
Granhof, J. J. 131
Granier, A. 5933, 7251
Grant, D. E. 320
Grant, M. C. 6868
Grant, R. K. 1212, 1655, 2680, 3584
Grasham, J. L. 507
Gratkowski, H. J. 1759, 4889
Graves, F. M. 6403
Graves, J. H. 3850
Graves, W. L. 4604
Gray, A. M. 2973
Gray, P. D. 258
Gray, R. L. 2851
Grayet, J. P. 104, 2367, 4154, 4171, 4206
Grayson, A. J. 1181, 3500, 5071
Grayum, G. 6486
Grden, B. G. 7735
Greacen, E. L. 1418
Greathead, D. J. 3862
Greaves, A. 131, 161, 2219, 6524, 6529
Greaves, J. H. 3778
Grebĭns'kiĭ, S. O. 1949
Green, A. W. 5550
Green, L. M. 3519
Green, L. R. 912, 4604
Green, R. J., Jr. 2499
Greenblatt, J. 6240
Greenblatt, J. A. 6954
Greenfield, I. 3854
Greenhalgh, F. C. 1091, 7573
Greenhalgh, R. 2955
Greenland, D. J. 2386
Greenlee, J. 940
Greenwood, M. S. 1033, 2957
Greenwood, R. M. 4681
Greer, G. L. 2134
Greer, R. B. 2598
Gregersen, H. 1658
Gregersen, H. M. 5157, 5843
Gregg, B. H., Jr. 6672
Gregor, E. W. 3210, 4935
Gregori, M. M. 3982
Gregorius, H. R. 1040, 4430
Gregory, G. R. 5035
Greig, B. J. W. 735, 2510
Greig, P. 3160
Greig, P. J. 5441, 5593
Greis, J. G. 561
Gremmen, J. 6205
Grene, S. 1473
Grey, D. C. 6650, 6651, 6652
Gribachev, V. G. 7361
Grieder, E. P. 3995, 5586
Grier, C. C. 348, 5901
Griffin, A. R. 2690, 3620, 6831
Griffin, D. M. 3213, 3693
Griffin, G. J. 4475, 4476
Griffin, M. F. 5725
Grigorescu, A. 174, 175, 7517
Grigor'ev, V. P. 352
Grigorov, A. N. 7294
Grigorov, G. R. 6331
Grigsby, H. C. 5377
Grill, D. 3581, 5982, 6722
Grillo, M. 3654
Grimal'skii, V. I. 4533
Grimes, R. F. 6638
Grinnell, W. R. 4824
Grip, H. 5941, 5951, 5953
Grisez, T. J. 3439
Grishina, I. V. 6782
Grishina, L. A. 7503
Grison, F. 158, 159, 160, 4460
Grison, P. 4883
Grittinger, T. F. 6895
Grocholski, J. 6274
Grochowski, W. 5409
Groenhuis, B. 6669, 6670
Groes, N. 4219
Groff, W. H. 261
Groome, J. S. 2300
Groot, D. de 4705
Gropper, J. 6404, 6405, 6406, 6407
Grose, R. J. 4841
Groshev, V. L. 7374
Gross, H. L. 1536
Gross, K. 4256, 7411
Gross, P. 3907
Grossbechler, F. 1107
Grossoni, P. 3231
Grouev, I. 4825
Groulez, J. 5030
Grove, J. F. 2086, 2094
Grove, T. S. 5908
Groves, R. H. 918
Grozdits, G. A. 2852
Gruell, G. E. 7666
Gruenfeld, J. 5579
Grulois, J. 7156
Grunwald, C. 2000, 3020
Grut, M. 1178, 1809, 1810, 1811, 2796, 5054
Grzywacz, A. P. 6885, 7567
Gualdi, V. 7693
Guba, I. T. 2142
Gubanov, I. A. 4131
Guccione, B. 3509
Gudjonsson, T. 6095
Guenther, J. D. 6262
Guest, R. 1015
Gueye, S. 6402
Guillard, J. 4914, 6490
Guillard, J. P. 5119
Guillaumin, J. J. 2501
Guillaumon, J. R. 1869, 5475
Guillebon, E. de 3840
Guillot, M. 3261
Guimmayen, G. A. 5871
Guinaudeau, C. 5187
Guinn, F. H. 6266
Guiot, J. 3173
Guiraud, C. 5425
Gul, H. 4588, 7020
Gul, P. 2316, 2317
Gulbrandsen, K. 1383
Guldager, P. 4826
Guldemond, J. L. 6451
Gullberg, U. 2997
Gullino, G. 3233
Gunatilleke, C. V. S. 4702
Gundermann, E. 7137
Gunn, A. 3793
Gunn, D. L. 3578
Gunner, H. B. 2095
Gunnes, K. 3801
Gunter, J. E. 1848, 4126
Günther, K. H. 6377, 6382
Günzl, L. 3332, 7515
Gupta, B. K. 4594
Gupta, B. N. 5621
Gupta, M. N. 3671
Gupta, M. P. 6539
Gupta, R. K. 1936, 1970, 2329
Gupta, S. K. 3062
Gupta, T. 4217
Gurdip Singh 2519
Gurgel Filho, O. A. 3326, 4781, 4845, 5025
Gurgel Filho, O. de A. 3326, 4781, 4845, 5025
Gurgel, J. T. A. 162, 1024, 4845
Guries, R. P. 2488
Gurnell, J. 1141
Gurumurti, K. 6913
Gur'yanova, T. M. 3747
Guseinov, E. M. 2756
Guseĭnova, S. O. 405, 1957
Gusev, I. I. 807
Gussone, H. A. 3323, 7257
Gustavsson, R. 761
Gutierrez H., F. 4067
Gutiérrez Palacio, A. 4923
Gutiérrez, R. J. 7030
Gutiérrez V., M. 142, 3344, 3634, 4007, 4333, 5603
Gutman, T. S. 2445
Guttenberg, S. 1827, 1851, 1855
Guz', N. M. 5794
Guzman, E. D. de 2053
Gyan Chand 3136
Gyldberg, B. 6263
Gysel, L. W. 6351
Haack, I. 4518
Haapanen, A. 888
Haaren, H. A. J. van 3632
Haber, W. 572
Håbjørg, A. 4327
Hackett, B. 3854
Hadders, G. 1027, 1519, 3004
Haddock, W. H. 5778
Haddon, B. D. 3085
Hadi, S. 6934
Hadipoernomo 2333
Hadlington, P. 2062
Hadri, H. 4638
Hädrich, F. 2912
Hafiz, I. A. 2085
Hafley, W. L. 296
Haga, T. 267
Hagen, M. 4766
Hagenstein, W. D. 7083
Hager, H. 3194, 5949
Hager, W. 6690
Hägg, S. 813
Hägglund, B. 625, 626, 795, 810, 1370, 1371, 2236
Häggström, B. 533
Hagihara, A. 1373, 3483
Hagner, M. 3010
Hagner, S. 1468, 1686
Hagra, H. H. 7505
Hågvar, S. 2817, 2818
Hahn, J. 1282
Hahn, P. 2878
Hahtola, K. 1401
Haibara, K. 4252
Haig, R. A. 4827
Haigh, H. 234, 1433
Haigh, H. H. 689
Hain, F. P. 2951
Haines, B. L. 4266
Haines, L. W. 206, 378
Haines, S. 5753
Haines, S. G. 206, 378
Hair, D. 5559
Haissig, B. E. 3617
Haith, D. A. 3
Håkansson, S. G. 2744
Hakkarainen, A. E. 103
Hale, A. 7045, 7046
Hale, K. N. 455
Hale, P. N., Jr. 5271
Haliburton, W. 2183
Hall, A. M. 481
Hall, J. P. 3338, 5606, 6060
Hall, J. S. 994
Hall, M. A. 1946
Hall, M. J. 5371
Hall, N. 6005, 6006, 6007, 6013, 6014, 6015, 6016, 6017
Hall, P. M. 541
Hall, T. H. 2334
Hall, T. J. 1997

Hallaksela, A. M. 2503, 3711
Hallam, G. 2612
Halldin, S. 5935, 5941, 5946, 5950, 5953
Hallé, F. 4307, 7448
Hallett, D. 2955
Hallett, D. L. 6338
Hällgren, J. E. 1426
Hallik, J. 768
Hallman, E. 1953
Hallock, B. G. 5875
Halls, L. K. 2110
Halos, S. C. 6599
Halvarsson, J. 1173
Halvorson, C. 4961
Ham, R. 6288
Hamamoto, M. 2699
Hamel, O. 160
Hämet-Ahti, L. 4385
Hamill, J. 6404, 6405, 6406, 6407
Hamilton, E. S. 2472
Hamilton, G. J. 286, 5754
Hamilton, H. 106
Hamilton, J. R. 4284
Hamilton, T. E. 5339, 7069
Hamilton, W. T. 4607
Hamm, P. B. 1095
Hammer, G. L. 3541
Hamner, L. N. 7353
Hamon, Y. 560
Hamre, V. 5242
Hamrick, J. L. 2923
Hamza, H. 4895, 5143
Hamzah, Z. 6731
Han, S. S. 4339
Hancock, M. J. D. 314
Hand, F. C. 2690, 3620
Handley, J. R. 6271
Hanganu, C. 7519
Hannah, P. R. 5755
Hannus, K. 3606
Hanover, J. W. 379, 447, 6859
Hans, A. S. 1988, 3309, 5231, 5455
Hansen, E. A. 874
Hansen, E. M. 1095
Hansen, G. K. 5944
Hansen, T. 6987
Hanson, A. G. 5257
Hansson, L. 742, 3126
Happold, D. C. D. 3129
Harada, H. 341, 1944
Harahap, R. 6844
Harahap, R. M. S. 3016, 5461, 6838
Hardcastle, P. D. 3315
Hardie, A. D. K. 5541
Hardin, E. D. 1006
Hardy, C. C. 6682
Hardy, W. 3801
Hare, R. C. 2931
Hargreaves, C. E. M. 6234
Hari, J. 789
Hari, P. 789, 1953
Harkov, R. 4470
Harkov, R. S. 4474
Härle, E. 1897
Harley, J. L. 1665, 2624, 6174
Harman, D. M. 4547
Harmon, D. 4982
Harms, J. C. 5847
Harms, W. R. 5922
Harner, E. J. 72, 503
Harper, A. M. 1550
Harper, J. L. 2450
Harper, K. T. 6120
Harper, V. L. 4734
Harper, W. C. 8
Harr, R. D. 5892
Harrap, K. A. 2575, 6301
Harriman, R. 2595
Harrington, E. A. 6240
Harrington, M. G. 1708
Harris, A. R. 6559
Harris, A. S. 799
Harris, G. A. 7069
Harris, G. S. 3801
Harris, J. M. 356, 1245, 2055, 3583
Harris, J. W. 4152
Harris, J. W. E. 1873, 2372
Harris, R. W. 2883
Harrison, A. 2658
Harrison, A. F. 371, 5963
Harstela, P. 1668, 1735
Hart, C. 1204
Hart, J. H. 3047
Hart, J. W. 386
Harter, R. D. 6757
Hartig, M. 4047
Hartmann, G. 2042
Hartmann, R. 3847
Hartog, G. den 4705
Hartono, W. 3297, 6844
Hartwig, F. 7162
Harun Alrasjid 5367, 6734, 6844
Haruta, Y. 3527
Harvey, A. E. 507, 3672, 5503
Harvey, A. M. 186
Harvey, H. 1850
Harvey, R. D., Jr. 4572
Harzmann, L. J. 2767, 3280, 3894, 4282
Hasan Basjarudin 5451
Hasan, S. M. 5193
Hashimoto, R. 2915
Hashizume, H. 4017
Hassan, A. E. 5306, 5778, 5779
Hatch, A. B. 1147, 1148, 1153, 1596, 3135
Hatch, C. R. 6647
Hathaway, R. L. 1073
Hatiya, K. 1326
Hatta, T. 6048
Hattemer, H. H. 2700, 4430
Hauck, J. 6420
Haug, G. 1251
Haug, P. T. 6408
Haugbotn, O. 2813
Haugen, A. 2649
Hauska, E. 6610
Havas, M. 3580
Havel, J. 3695
Havel, J. J. 2794
Haveraaen, O. 4041
Haverbeke, D. F. van 5494, 5855
Havranek, W. 5958
Hawke, M. F. 2160
Hawkes, B. C. 857
Hawkins, P. J. 1280, 4828, 6618
Hawksworth, F. G. 380, 520, 521
Hay, C. J. 4276
Hay, R. L. 2870
Hayashida, Y. 4330
Hayden-Wing, L. D. 7664
Haydock, K. P. 187
Hayes, A. J. 2050, 6900
Haygreen, J. 1658
Haygreen, J. G. 5506
Haynes, C. D. 3961
Haynes, M. J. 3426
Hazel, C. 7047, 7048, 7049
Heady, H. F. 1838
Heal, O. W. 3877, 4665
Healey, I. N. 5911
Heath, V. 4915
Heather, W. A. 3692
Hebard, F. V. 4475, 4476
Hebda, R. J. 408
Hedden, R. L. 3743
Hedén, K. B. 2235
Heding, N. 5746
Hedlin, A. F. 1263, 1265, 2072
Hedman, L. 7292
Hee, S. 3558
Heereman, C., Freiherr 3833
Hegwood, C. P. 2012
Heidmann, L. J. 2938, 4053
Heidt, L. E. 2845
Heikinheimo, L. J. 6477
Heikinheimo, M. 5298
Heilman, P. E. 1084, 3445, 5887
Heinonen, S. 1758
Heinrich, J. C. 2258
Heinrich, R. 5288, 5576
Heinsdorf, D. 6397
Heiskanen, V. 4161
Heislers, A. 889, 2127, 4899
Hejmadi, S. A. 5050
Helbig, T. 7093
Helle, T. 3791
Heller, R. C. 5016
Helles, F. 5427
Helliwell, D. R. 371, 5423
Hellman, L. 5297
Hellmers, H. 836
Hellum, A. K. 1463, 6582
Helm, G. 4178
Hemm, G. 1306
Hemmings, E. F. 6507
Hempel, G. 7188
Hempenius, S. A. 6681
Hendee, J. C. 7661
Henderson, J. A. 7071
Hendi Suhaendi 5388
Hendrey, G. 2384
Hendricks, T. R. 812
Hendrix, J. W. 597, 4048, 7135
Hendry, L. B. 7634
Hendrych, R. 3643
Henke, H. 3836
Henley, F. L. 7742
Hennessey, T. C. 6155
Henriksen, A. 2383
Henry, J. L. 5079
Henry, P. M. 4724
Hensel, J. S. 749
Hepper, F. N. 6824
Herbert, E. 1149
Herbert, E. J. 1150, 3135
Herbert, J. 729
Heringer, E. P. 372
Heritage, S. G. 3101
Herlitzius, H. 5912
Herlitzius, R. 5912
Herlocker, D. 5166
Hermanin, L. 1816
Hermann, R. 3317
Hermann, R. K. 3322, 3596, 7211
Hernandes Filho, P. 4209
Hernández, R., F. 6640
Herout, V. 1941
Herpka, I. 7532
Herrenknecht, H. 1897
Herrera, R. 662, 4261
Herrera, S. 7049
Herrick, O. W. 4195
Hertel, G. D. 1118, 6952
Hertel, H. J. 7191
Hertogs, I. A. 2083
Herzberg, R. 7166
Hesse, M. 2449
Hessel, D. L. 262
Hestnes, A. 972
Heth, D. 1818
Hetsch, W. 2389
Hett, J. 2364
Heusser, C. J. 2988
Heuveldop, J. 1168, 2474, 5213
Hewett, C. E. 6672
Hewlett, J. D. 7051, 7688
Heybroek, H. M. 86, 442
Heytze, J. C. 5478, 5479
Hibben, C. R. 3709
Hibberd, J. K. 5911
Hickler, M. G. 3850
Hickman, C. A. 3815
Hicks, R. A. 7634
Hicks, R. R. 1128
Hicks, R. R., Jr. 458
Hicks, S. 4471
Higashiura, Y. 3079
Highley, T. L. 3050
Higinbotham, N. 2444
Higuchi, H. 4615
Higuchi, K. 4243
Hilbert, D. 7060
Hildebrand, M. J. 4584
Hildebrand, S. G. 2828
Hill, A. R. 1114
Hill, A. S. 6239
Hill, M. O. 3873, 5703, 6124
Hill, R. J. 4461
Hillgarter, F. W. 3125, 3201
Hillis, W. E. 392, 2855
Hilmi, H. A. 5288
Hiltunen, R. 381, 383
Hinckley, T. M. 1355
Hindal, D. F. 503, 2004
Hindmarsh, R. 1140
Hinds, T. E. 259, 2916
Hingston, F. J. 5967
Hinojosa, G. 6528
Hippoliti, G. 725
Hirata, E. 1368
Hiratsuka, Y. 3703, 6196
Hirsch, A. 7076
Hirvonen, H. E. 6449
Hirvonen, R. 1614
Hite, W. A. 1458
Hittenrauch, H. R. 259
Hladík, M. 2344
Ho, I. 3554
Hoban, E. 7045, 7046
Hočevar, M. 1299
Hocker, H. W., Jr. 3176
Hodapp, W. 1659
Hodges, C. S., Jr. 2017
Hodges, J. D. 3906
Hodgkins, E. J. 228
Hodgkinson, K. C. 6712
Hodgkiss, P. D. 1424
Hodgson, A. 4899, 4940
Hodgson, L. M. 709, 1275
Hodgson, T. J. 1256, 1308, 1726, 2494, 2697, 5599, 7202
Hoenninger, T. 3963
Hoepke, E. 4770
Hof, J. G. 3909
Hoffman, J. E., Jr. 3162
Hoffman, M. K. 1182
Hoffmann, A. 5808
Hoffmann, D. 7517
Höfle, H. H. 1797, 7291
Hofmann, A. A. 91, 316, 647
Hofstad, O. 4664
Hofsten, E. von 652
Hoisington, B. 6104
Hoitink, H. A. J. 2274
Hoksbergen, F. T. J. 1673
Holden, A. V. 3098
Holdgate, M. W. 6085
Holdridge, L. R. 5017
Holl, S. A. 2114, 2115
Holland, W. D. 3146
Holländer, C. 6442
Holliday, F. G. T. 2199
Holling, C. S. 3239
Hollingsworth, E. B. 2296
Hollis, C. A. 1104, 2956, 5885
Holman, F. J. 1749
Holmen, H. 2261, 3373
Holmes, G. D. 639, 2196, 3865, 5414, 5699, 6476
Holmes, R. L. 7099
Holopainen, L. 1517
Holopainen, V. 4916
Holowaychuk, N. 4635
Holstener-Jørgensen, H. 864, 5694
Holt, H. A. 2290
Holyavko, W. S. 5469
Holzer, K. 3663, 4433, 7518
Homann, N., C. 5919
Homola, R. L. 6881
Honer, T. G. 2368
Hong, L. T. 6882
Hong, S. G. 1979
Hong, S. H. 1025
Hong, S. O. 3339
Hoogh, R. J. de 7343
Höök, L. 1203
Hool, J. N. 794
Hooper, R. G. 3768
Hoose, P. M. 6672
Hooven, E. F. 7220, 7675
Hope, J. H., III 4543
Hopewell, W. W. 3092, 3118
Hopkins, A. J. M. 4407
Hopmans, P. 1753, 1760, 2410, 2846, 5662, 6371
Horak, G. 6373, 7043, 7044, 7045, 7046
Horak, G. C. 6372
Hordijk, P. 6400
Horejsi, R. G. 4627
Horie, H. 2518, 6906, 7590
Horn, C. N. 1004
Horn, H. S. 6316
Hornbeck, J. W. 5903, 6557

Horne, J. C. 2405
Hornocker, M. G. 2111
Horntvedt, R. 2382, 6699
Horsfall, J. G. 6869, 6870, 7554
Horsten, F. 4786
Horstmann, K. 2073
Horton, K. W. 6448
Hoschke, F. G. 3503
Hosking, G. P. 1122, 1125, 1126, 1127, 1571, 2076, 2077, 6980
Hosking, J. 6393
Hosking, M. R. 3501
Hoslin, R. 961, 6139, 7549
Hosoda, R. 4578
Høsteland, J. E. 325
Höster, H. R. 6036
Hou, T. C. 6963
Houck, G. L. 6647
Houérou, H. N. le 929, 5239
Houghtaling, T. W. 5157
Houri, A. el 1763
Houseweart, M. W. 6924, 6976
Houston, D. K. 4512
Houston, D. R. 2045, 3054, 3733, 4477
Hout, H. M. van der 839
Hovland, J. 848, 2811, 2815
How, R. A. 3790
Howard, E. E. 7719
Howard, J. A. 5021
Howard, P. J. A. 1600
Howard, R. W. 6938
Howcroft, N. H. S. 143
Howe, J. A. G. 2847
Howell, J. A. 6113
Howell, R. S. 5989
Howitt, R. E. 3506
Howland, P. 154, 1034, 4455, 4456, 4457, 6763
Hoyer, G. E. 7354
Hoyle, M. A. 2670, 3271
Hoyle, M. C. 400
Hoyos, G. B. 3945
Hozumi, K. 1373, 3483
Hromnak, G. 4569
Hronek, B. B. 258
Hrúz, B. 1798
Hu, H. L. 4589
Hua, X. M. 4507
Huang, S. L. 5779
Huang, Z. Q. 2059
Hubbes, M. 2031, 3686, 4501, 4504, 6894, 6897, 7581
Huber, A. 7410
Huber, O. 4368
Hubert, M. 7278
Huckabee, J. W. 2828
Huckett, B. I. 3648
Hudler, G. 4465
Hudson, R. 1346
Huffman, J. B. 1342
Hugentobler, C. 5519
Hughes, C. L. 4604
Hughes, J. F. 71, 4917
Hughes, J. M. 5339
Huguet, L. 4669
Hühn, M. 1066, 6466
Huhta, V. 887
Huhtinen, O. 7516
Huikari, O. 869
Hultén, H. 724, 1472
Hultman, S. 5490
Hulton, R. L. 6911
Huluţa, C. 2826
Hummel, F. C. 5474
Hummel, R. L. 600
Humphreys, N. 1398
Humphries, R. N. 6091
Hunger, G. 5675
Hunger, W. 2412
Hunsaker, F. L. 7742
Hunt, D. 2368
Hunt, R. 5605
Hunt, S. 2049
Hunter, D. H. 4599
Hunter, N. B. 7672
Huntley, G. D. 3701, 3702
Husch, B. 5105, 5329
Hüser, R. 2733, 6383
Huss-Danell, K. 1081
Huss, J. 7259, 7281
Hussain, R. W. 2354, 2759, 6646
Hutacharern, C. 56, 7601
Hutchinson, F. E. 1656
Hutchinson, I. D. 2792
Hutchinson, R. E. 216
Hutchinson, T. C. 3580
Hutchison, S. 2878
Hutnik, R. J. 3582
Hüttermann, A. 2030, 6889
Hutton, B. 1185
Huttunen, S. 353
Huuri, O. 1467, 1926
Huyler, N. K. 2765
Huzulák, J. 979
Hvidberg-Hansen, H. 3998
Hwang, F. S. 6963
Hwang, J. 1979
Hwang, J. W. 7515
Hyde, A. H. 6507
Hyden, G. W. 3854
Hyder, D. N. 4598
Hyland, F. 6104
Hyun, S. K. 5452, 7515
Hyvärinen, H. 3791
Iancu, I. 6696
Ibañez, C. 2126
Ibaraki, A. 6974
Ibrahim, S. 1019
Idänpään-Heikkilä, J. 2298
Idczak, R. M. 2036
Idiyatullin, R. M. 2093
Ierusalimov, E. N. 973
Ieven, M. 976
Ievin', I. K. 2756, 5001, 5775
Ifju, G. 2857
Igarashi, T. 3180
Igaunis, G. A. 1733
Ikeda, T. 6951, 7646
Ikemori, Y. K. 6845
Iles, K. 7360
Il'ev, L. I. 2373, 2786
Il'icheva, S. N. 2576
Iliev, A. 2783, 3349, 3411, 3999, 5806
Iliev, S. 3999
Il'in, A. M. 4038
Il'in, G. P. 1352
Il'in, V. V. 4192
Il'kun, G. M. 1163
Illingworth, K. 1683, 1692
Ilnytzky, S. 6243
Iloba, C. 3674
Il'yushenko, A. F. 7038
Imaida, M. 4575
Imamura, H. 2971
Immel, M. J. 2780
Impens, R. 2407, 2411
Incoll, W. D. 1752, 5687, 6584
Indeich, J. F. 6469
India, Council for Social Science Research 574
Indonesia, BIOTROP 6728, 7597
Indonesia, Directorate of Forestry Planning 2220
Indonesia, East Kalimantan Provincial Forestry Service 1214
Indonesia, Forest Research Institute 1231, 2648
Indonesia, Lembaga Penelitian Hutan 3626, 3627, 3628, 3629, 3630
Indonesia, Perum Perhutani 2221
Ingelög, T. 2318
Inger, R. F. 2586
Ingestad, T. 3366
Ingle, M. R. 1796
Ingleby, K. 2495
Inglis, C. J. 1671
Ingrain, P. R. 7253
Ino, H. 4936
Insarov, G. È. 6215
Insley, H. 721, 1186, 5685, 5718
Intari, S. E. 3732
International Association of Wood Anatomists 6031
International Plant Propagators' Society 7120
International Society of Soil Science 5861
International Union of Forestry Research Organizations 38, 1037, 3182, 5935, 7514, 7520, 7527
Intini, M. 330, 1086
Ionascu, G. H. 2313
Ionica, G. 4922
Iordanov, Ts. 4251
Iorova, K. 2703, 2827
Iotsova-Baurenska, N. 3073
Ipatov, V. S. 4427
Iqbal, R. 2332
Iran, Forestry and Range Organization 5165
Irion, G. 3145
Irish Republic, Department of Agriculture 2513
Irmler, U. 3551
Iroshnikov, A. I. 3015, 3333, 3334
Irving, F. D. 5583
Irwin, L. L. 4400
Isaev, A. I. 1729
Isaev, A. S. 3072, 6481
Isakov, R. V. 1912, 1916
Isebrands, J. G. 2853, 2855
Isemukali, K. 5646, 7185
Ishac, Y. Z. 848
Ishak Sumantri 3296
Ishchenko, L. E. 370
Ishemat Soerianegara 5367, 5388, 5445
Ishida, S. 2896
Ishii, Y. 4016
Ishizuka, H. 4586
Islam, G. 4139
Ismail, A. L. S. 2026
Ismail, C. M. 2512
Ismailov, N. M. 6627
Iso-Iivari, L. 1548
Isupov, B. A. 7057
Italy, Federazione Italiana delle Industrie del Legno, del Sughero, del Mobile e dell'Arredamento 5319
Italy, Istituto di Ecologia, Università di Parma 7161
Italy, Istituto Nazionale di Economia Montana 5158
Italy, Istituto Nazionale per le Painte da Legno 'G. Piccarolo' 5201
Italy, Ministero per i Beni Culturali e Ambientali 5477
Italy, National Association of Forestry Graduates 5150
Italy, Province Autonome de Trente 5346
Italy, Regione Autonome della Valle D'Aosta 5483
Italy, Regione Veneta Servizio Foreste 5108
Italy, Servizio Forestale, Regione Lombardia 5258
Italy, Servizio Forestale, Regione Umbria 5234
Item, H. 5945
Itoi, S. 6909
Itoo, M. 4342
Ivanov, A. V. 829
Ivanov, V. A. 1916
Ivanov, V. P. 1982
Ivanov, Yu. N. 2158
Ivanova, I. I. 1247
Ivanova, S. Z. 2441, 3603, 3607, 6049, 6769, 6770, 6771, 6772
Ivanyuta, V. M. 5786
Ivchenko, I. S. 1508
Ivchenko, N. I. 123
Iversen, T. H. 972
Ives, J. 7049
Ivonin, V. M. 7700
Ivonis, I. Yu. 2443
Iwata, Z. 4586, 4587
Iyamabo, D. E. 4757
Izdebski, K. 5819
Jaatinen, E. L. 5507
Jabil, M. 3219
Jacamon, M. 6083
Jaciw, P. 5772
Jackson, B. D. 3815
Jackson, D. A. 5602
Jackson, D. H. 3475
Jackson, D. S. 808
Jackson, J. A. 4523, 4524, 4526
Jackson, J. K. 5232
Jacob, W. S. 4008, 4010
Jacobi, W. R. 4478
Jacobs, D. C. P. 1208
Jacobs, D. M. 5546
Jacobs, M. 3962, 5458
Jacobsen, N. K. 6096
Jacobsson, J. 2781
Jacoby, G. C., Jr. 2645
Jacoby, P. W. 6607
Jacqmain, M. 6587
Jacquiot, C. 2021
Jaeger, G. 654
Jaeschke, H. G. 3918
Jaffré, T. 349
Jafri, R. H. 2332
Jäger, H. J. 5980
Jager, K. 2292, 4712
Jago, L. G. 3701, 3702
Jahn, E. 7002, 7648
Jahn, G. 436
Jahn, H. 7557, 7559
Jain, K. K. 6855
Jain, R. C. 4169, 4170
Jaju, N. D. 4216
Jakobsen, B. 5690
Jalal, M. A. F. 5701
Jalel, T. 5175
Jamart, P. 3964
Jambawai, S. M. 3295
James, I. L. 733, 1290, 4630
James, J. M. 2846
James, L. M. 4928, 6496
James, T. D. W. 1182
Jan, A. 2214
Janel, P. 7387
Janerette, C. A. 703
Jansen, J. J. 4705
Jansson, A. 4576
Jansson, K. A. 1472
Jansson, P. E. 5946, 5953
Jaramillo, A. G. 3947
Jarman, P. J. 3784
Jarret, P. 6134
Järveläinen, V. P. 5141
Jarvis, P. G. 386, 387, 3880
Javeid, G. N. 6080
Jayko, B. D. 6568
Jedlowski, D. 3346, 3402
Jefferson, R. M. 6453
Jeffrey, W. G. 2417
Jemima 5229
Jeng, R. S. 4504, 6894
Jenkins, P. A. 836
Jennings, D. T. 6924
Jennings, T. J. 2391
Jensen, K. F. 2837
Jensén, P. 969
Jensen, R. J. 6074, 6075
Jensen, S. E. 5947
Jensen, S. L. 6424
Jenssen Salazar, J. E. 3960
Jermyn, D. 1280, 3586
Jérôme, R. 300
Jervekilga, I. 6157
Jeske, B. W. 891
Jessop, D. S. 5426
Jest, C. 5433
Jett, J. B. 2934, 2937, 3657
Jewell, F. F. 7475
Jha, M. N. 6741
Jhingran, V. G. 3798
Jičínská, D. 2929, 2930
Jiménez López, J. 435
Jindra, J. 5026
Jintanugool, J. 5218
Jobling, J. 2355
Jöbstl, H. A. 4198
Johann, K. 287
Johannessen, M. 2383
Johansen, C. A. 3114, 3115
Johansen, I. 6166
Johansson, M. 1884
John, A. 5639

John, T. J. 7241
Johnson, A. S. 3765
Johnson, D. 5890
Johnson, D. W. 508, 3057, 5880
Johnson, G. 558
Johnson, M. A. 2910
Johnson, M. S. 6091
Johnson, N. E. 5394
Johnson, P. C. 2551
Johnson, P. N. 1011
Johnson, P. S. 6712
Johnson, R. A. 2066, 6923
Johnson, R. L. 1374
Johnson, R. W. 5743, 5744
Johnson, W. C. 7088
Johnson, W. T. 1575
Johnsrud, S. C. 2401
Johnsson, H. 1522
Johnston, A. 3066
Johnston, B. D. 6271
Johnston, D. R. 219, 5036, 5539, 6544
Johnston, R. D. 3623
Johnston, T. N. 1762
Johnston, W. J. 2664
Johnstone, R. C. B. 1060, 1065, 5361
Jolicoeur, H. 3838
Joly, P. 1534
Joly, R. J. 457
Jones, A. R. C. 1853, 5496, 6455
Jones, C. H. 4278
Jones, E. A. 3178
Jones, E. W. 6124
Jones, G. 809
Jones, J. M. 7401
Jones, J. O. 3178
Jones, J. R. 259, 410
Jones, L. A. 1388
Jones, N. 4444, 4446, 4451, 4452
Jones, P. 3856, 6750
Jones, P. H. 5120
Jones, R. G. 5705, 5712, 5722
Jong, A. F. M. de 2646
Jong, K. 7450
Jongma, J. 1677
Jonsson, A. 1440
Jonsson, B. 304, 305, 627, 628
Joranger, E. 2381
Jordaan, J. V. 2637
Jordan, C. 662
Jordan, C. F. 4261, 5968
Jorge, W. J. 4739
Jorgensen, E. 7094
Jorgensen, K. R. 4603
Joshi, D. N. 4815, 5642
Joshi, S. C. 3930
Joshi, V. B. 4022
Jourdan, J. 3612
Jovančević, M. 4345, 4376
Jover, J. 2399
Jover, L. 3443
Jow, W. 5807
Joyal, R. 553
Joyce, R. J. V. 3100, 3102, 3105
Juarez, B. E. 2436
Judelman, M. 2405
Judson, A. 327
Jukkala, A. H. 7166
Julio, G. 2421
Julis, A. J. 1095
June, S. R. 223
Jünemann, D. 3512
Jung, K. U. 5720
Junor, R. S. 3821
Jurgensen, M. F. 726, 3672, 5503, 5877
Jurriaanse, A. 2323
Jurzitza, G. 3721
Juslin, H. 2225
Just, T. E. 6601, 6754
Kaar, E. 570
Kabashnikova, G. I. 240
Kabeda, O. 4074
Kaczmarek, M. 4590
Kadeba, O. 3381
Kageyama, P. Y. 1702, 1984
Kahn, F. 1430
Kaĭryukshtis, L. A. 288, 4809, 5097, 7349
Kaiser, P. H. 6332
Kaĭtazova, P. 7622
Kaittany, K. 4969
Kaiya, T. 5111
Kajihara, M. 295, 3469
Kalbermatten, J. de 5680
Kaleda, V. M. 6781
Kälin, W. 6427
Kalinichenko, G. V. 4136
Kalinin, M. I. 5794, 7318
Kalinin, V. I. 4163
Kalinkov, V. 3601, 5987
Kalish, J. 661, 1675
Kallio, E. 3276, 3277
Kallio, T. 3711
Kal'noĭ, P. G. 982
Kalutskii, K. 7359
Kalutskiĭ, K. K. 7097
Kam, M. de 6205, 7539
Kamau, F. M. 5045
Kaminskiĭ, P. A. 6673
Kaminsky, G. 3993
Kamire, K. K. 5782
Kamiri, L. K. 4479
Kammerlander, H. 5679
Kamo, K. 4243
Kamo, S. 2699
Kanamitsu, K. 2088, 4175, 4280, 4283
Kandelaki, A. A. 6663
Kandya, A. K. 4434
Kanekawa, T. 2967
Kaneko, T. 4342
Kang, H. 6849
Kanninen, M. 789
Kantola, M. 5286, 5294
Kao, C. 3436, 3437
Kapoor, M. L. 4035, 4343
Kapoor, V. K. 7478
Kapoor, V. P. 4139
Kappen, L. 4258
Kappich, I. 1679
Karani, P. K. 682, 1720, 1767, 2301, 2446
Karban, R. 6116
Kardell, L. 1317, 2318, 4953
Kardos, L. T. 6567
Karin'sh, Z. O. 722
Kärkkäinen, M. 268, 2229
Karnosky, D. F. 461, 6194
Karpachevskiĭ, L. O. 1885
Karpenko, A. V. 5969
Karpisonova, R. A. 6829
Karptsov, N. S. 2705
Karr, J. R. 6360
Karr, R. W. 5133
Karschon, R. 1270, 3020, 4758, 4794
Karsisto, M. 6574
Kartawinata, K. 5446, 6729
Karunen, P. 1758
Kasapligil, B. 7502
Kaseyama, P. Y. 4008
Kataev, O. A. 522, 6643
Katagiri, K. 4586, 4587, 6951
Katagiri, S. 5960
Katayose, T. 385
Kate-Hazevoet, A. M. ten 2286
Kató, F. 1314, 3512, 4677, 7335
Kato, R. 16
Kato, Y. 3035
Katopodis, C. 2133
Kats, G. 1900
Katsalan, V. I. 4039
Kaufmann, U. 2242, 7568, 7571
Kaul, O. N. 3589, 5962
Kaul, R. N. 3136
Kauman, W. G. 4872
Kaumi, S. Y. S. 131, 155, 2285
Kaunisto, S. 209
Kaupp, W. J. 1575, 3097
Kaur, A. 7450
Kauri, T. 7398
Kaurinkoski, S. 5298
Kausch v. Schmeling, W. 1667
Kaverzina, L. N. 2909, 6045
Kawahara, T. 1009, 1010, 1422, 4176, 4243
Kay, M. 1372
Kazantsev, V. S. 6865
Kazaryan, V. V. 966
Kazhemaks, A. Ya. 1733
Kazmi, S. M. A. 6628
K"drev, T. 6715
Kedharnath, S. 4035, 6840
Keeley, J. E. 939
Keeley, S. C. 938
Keene, S. 2643
Keet, J. H. 180
Kefeli, V. I. 7483
Kegg, J. D. 7608
Keiding, H. 5031
Keim, R. 505, 3039
Keith, C. T. 2852
Keith, L. B. 3785
Keleberda, T. N. 3822
Kell, G. W. 7743
Keller, H. M. 5952
Keller, T. 5430, 5979, 5980, 6725
Keller, W. 4425
Kellerstam, H. 5640
Kelley, C. L. 1563
Kelley, M. 1346
Kelley, R. S. 6305
Kelley, W. D. 2014
Kellison, R. C. 5362, 5616, 6129, 6831
Kellogg, R. M. 362
Kellomäki, S. 710, 876, 1177, 2170
Kelly, J. 3537, 3538
Kelly, J. W. 3909
Kelly, S. 3623
Kelly, S. T. 2592
Kelsey, R. G. 1708
Kemp, E. 3856
Kemp, E. E. 3858
Kemp, R. H. 131, 439, 5031, 5457, 5540
Kemperman, J. H. L. 2713
Kendall, R. L. 3799
Kendysh, A. N. 7362
Keng, H. 407
Kenk, G. 7273
Kennedy, B. H. 4558
Kennedy, D. 6143
Kennedy, H. E., Jr. 246, 1374
Kennedy, J. J. 2653, 4708
Kennedy, P. C. 6108
Kenny-Jordan, C. B. 5291
Kenstavichyus, I. I. 7355
Kent, B. M. 4369
Keresztesi, B. 5009, 5226
Kerjean, M. 6745
Kermani, W. A. 5176
Kerr, S. N. 6546, 6551
Kerr, T. J. 2010
Kers, L. E. 3007
Kessel, S. R. 932
Kessell, S. R. 364, 891, 4293, 4294, 4295
Kessler, E. 3852
Kessler, G. D. 5556
Keszthelyi, I. 766
Ketcheson, D. E. 5678
Ketchie, D. O. 3609
Ketterer, R. 2559
Key, K. H. L. 3155
Keys, R. N. 456
Kha, L. 146
Khaldeev, V. T. 4271
Khalil, A. M. 1483
Khalil, M. A. K. 163, 5607, 5612, 7533
Khalique, A. 1710, 1888, 1889, 2402
Khan, A. A. 2247, 2363, 3778, 4617
Khan, A. H. 42
Khan, F. W. 2316, 2317
Khan, M. 691, 2245
Khan, M. I. R. 2608, 4771, 5191
Khan, M. S. 2124
Khan, M. Z. 2473
Khan, S. M. 3740, 3741
Khanbekov, I. I. 1732
Khanbekov, R. I. 6439
Khannus, Ya. M. 375
Khansen, T. 6987
Khanzada, S. K. 4771
Kharchistova, E. A. 7422
Kharina, L. V. 1956
Kharitonov, G. A. 1718, 1719, 7703
Khasanov, N. Kh. 127
Khashes, Ts. M. 4187, 5986
Khattack, G. M. 2324
Khattak, G. M. 3263
Khitrina, G. S. 2798
Khlebodarov, V. N. 7302
Khlebopros, R. G. 3072
Khmelevskaya, E. N. 3392
Khmelik, S. G. 1338, 4127
Khodzamkuliev, A. 5681
Khodzhamkuliev, A. 4268
Khokhlina, E. V. 2443
Khokhrin, A. V. 3251
Khomentovskiĭ, P. A. 6225
Khomyakov, I. G. 363
Khosla, P. K. 984, 6847
Khristov, S. 4230
Khromova, T. V. 7206
Khudyakov, O. I. 2482
Khurana, A. D. 1558
Khurana, D. K. 984
Khutiev, T. È. 1266
Khvorostukhina, T. V. 3660
Khvorov, N. A. 3526, 7172
Kibzun, A. P. 6659
Kida, S. 5959
Kidd, F. 4571
Kidd, G. H. 3023
Kiel, J. 6879
Kiellander, C. L. 1249
Kiener, E. 3926
Kiers, G. 1786
Kiffer, E. 338, 2821
Kiktev, Yu. N. 6624
Kikuzawa, K. 3079, 3499
Kilbertus, G. 338, 2820, 7103, 7104
Kilford, W. K. 827
Kilkki, P. 264
Killick, D. J. B. 4404
Kilpatrick, D. J. 5334
Kim, C. S. 1025
Kim, J. S. 1025, 1940
Kim, K. H. 1481
Kim, Z. S. 6863
Kimariyo, P. E. 4174
Kimball, R. A. 6948, 6949
Kimball, T. L. 4939
Kimber, A. J. 6708
Kimmins, J. P. 857, 4057
Kinch, M. P. 6508
Kindermans, M. 5870
Kinerson, R. S. 5804
King, A. L. 5907
King, C. C. 2835
King, C. J. 2078, 2080, 2081
King, G. C. 6583
King, J. E. 3066
King, J. P. 4439
King, K. F. S. 4745, 5172, 6411, 6414
King, T. 5753
Kinghorn, J. M. 1457, 1466, 1474, 2864, 2867, 2874, 2882, 2888, 2890, 5626
Kingsbury, P. D. 2406, 3120, 4596, 4597
Kingsley, N. P. 5849
Kininmonth, J. A. 2823
Kinko, G. 1721
Kinnaird, J. W. 2727, 6321
Kinvig, N. R. 3104
Kio, P. R. O. 5827
Kira, T. 22, 32
Kirby, M. 6690
Kireeva, I. M. 7620
Kirgizov, N. Ya. 4442
Kirikova, L. A. 4427
Kiril'chik, L. A. 6441
Kirk, A. M. 7465
Kirk, T. K. 3050
Kirkbride, M. C. G. 4358
Kirkland, A. 4890, 5434
Kirkland, G. L., Jr. 6314
Kirkpatrick, C. M. 2592
Kirov, E. I. 6300

Kirsanov, V. A. 3251
Kise, C. M. 190
Kishenkov, F. V. 276
Kishi, Y. 4577
Kishida, A. 3706
Kishide, A. 3706
Kisilyakhov, E. K. 1915
Kislova, T. A. 831, 1350
Kistler, B. R. 3059
Kitali, M. M. 2419
Kitchings, J. T. 3762
Kitt, R. J. 3037
Kize, C. M. 3959
Kiziroglu, I. 7621
Kjersgård, O. 179
Klaassen, R. 87, 4003
Kladiev, A. K. 7057
Klaiber, H. M. 451
Klausnitzer, B. 4573
Klein, B. 7463
Klein, E. L. 3164
Klein, P. 2448
Klein, R. E. 2916
Kleiner, E. M. 6461
Kleinfeldt, S. E. 6211
Kleinig, D. 6010, 6011, 6012
Kleinschmit, J. 1019, 3017, 4430, 5464, 5635, 6139, 6848, 7517, 7518, 7519
Klem, G. S. 2419
Klemmedson, J. O. 5873
Klepac, D. 271, 289
Kliejunas, J. T. 497, 3036, 6922, 7575
Klimetzek, D. 2074, 4552, 6267
Klincsek, P. 2833
Klinge, H. 35, 662, 3530, 4419
Klinka, K. 5837
Klipstein, E. L. 6989
Klomp, B. K. 6419
Klomp, H. 2531
Kloosterhuis, W. E. H. 2712
Kloot, N. H. 4872
Klösch, U. 3581
Klötzli, F. 3206, 3635
Klucking, E. P. 6767
Klure, L. J. 3039
Klyachko, A. B. 780, 1789
Knabe, W. 4994
Knapp, E. 2307
Knauf, W. 6962
Knauss, J. F. 6197
Knecht, T. 1874
K"nev, K. 2979
Knight, H. A. 1393, 4158
Knight, P. J. 808, 853, 3354, 3355, 3562
Knighton, M. D. 564, 4652
Knoblauch, F. 3370
Knoerr, K. R. 4257
Knokey, E. R. 1630
Knowles, R. L. 1772, 2160, 3446, 6419
Knudsen, H. 3367
Knutell, H. 761, 762
Knutsen, O. A. 6310
Knyazeva, L. A. 6142
Kobayashi, F. 4587
Kobayashi, K. 4578
Kobayashi, T. 2053, 2518, 6906, 7590
Kobechinskaya, V. G. 4312
Kobetich, G. 1595
Koch, W. 4306
Kochegarov, V. G. 779
Kochetova, N. I. 3747
Kochummen, K. M. 4362
Kociecki, S. 7515, 7519
Koébelé, F. 7681
Koehler, W. 4884
Koelling, H. A. 3906
Koenig, A. 3312
Koenig, W. D. 7030
Koeniguer, J. C. 7461
Koepke, M. S. 260
Koeppen, R. C. 2860
Koeppicus, R. 1741
Koerber, T. W. 2949
Koev, D. 2763, 5785
Koffler, N. F. 4209
Kofman, P. D. 1706
Kohl, A. 5857
Kohler, V. 4661
Kohlstock, N. 2307, 3900
Köhm, H. J. 4277
Kohmann, K. 3394
Kohtari, K. 5324
Kojima, S. 3146
Kok, H. R. 1104
Kok, L. T. 3719
Kokaryuk, V. F. 7704
Koki, Z. 1599
Kokwaro, J. O. 4633
Kolar, C. A. 812
Kolarov, D. 3328, 4123
Koldaev, V. N. 757
Kolegova, N. F. 3337
Kolenichenko, M. V. 5762
Kolesnikov, B. P. 3244
Kolesnikova, I. M. 1912
Kollist, P. 226
Kolomiets, N. G. 6993
Kolov, O. V. 1887
Kolovskaya, E. F. 1948
Kolovskiĭ, R. A. 1948, 6055
Kolovskiy, R. A. 1948
Kolpashchikov, V. M. 1782
Kolster, H. W. 2593, 3304, 5695, 7536
Kolster, K. W. 2349
Komanich, I. G. 6156
Komarek, E. V. 953
Komarova, T. A. 4426
Kommercheskiĭ, E. N. 1369
Komshilov, N. F. 6749
Končalová, M. N. 2929, 2930
Kondo, E. S. 3701, 3702
Kondo, H. 4508
Kondo, K. 472
Kondo, T. 3035
Kondor, M. 5313
Kondrashov, V. T. 4133
Konev, E. V. 1918, 3591
König, E. 3885, 7649
König, G. 6470
Kononova, E. V. 2576
Konovalov, N. A. 787, 7216
Konrad, V. W. 2477
Konstantinov, V. K. 3418
Kontani, S. 3680
Kopinga, J. 3632, 5517
Koponen, S. 1548, 6925, 6928
Köpp, H. 5419, 6092
Koptelov, E. P. 4088
Koran, Z. 2440
Korbut, V. I. 3595
Korchagin, V. N. 2092
Korepanov, A. A. 3405, 4146
Korlenko, V. K. 7059
Kormanik, P. R. 3878
Kormilitsyn, A. M. 7097
Kornev, V. P. 4250
Kornienko, P. P. 1782
Korobeĭnikov, Yu. I 4532, 5923
Korolev, V. I. 1785
Koropachinskiĭ, I. Yu. 4429
Korostelev, A. S. 3461
Korotkov, K. O. 7503
Korsch, J. 4618
Korte, P. A. 6338
Koryakin, V. N. 3468, 7150
Kosakoski, G. J. 2134
Kosarev, V. P. 4718
Koschatzky, K. H. 6962
Kosinski, G. 6783
Koski, V. 1052
Kossarz, W. 112
Kossuth, S. 606
Kostadinov, K. 4104
Kostadinov, K. G. 6436
Koster, R. 3341, 5641, 6144, 7539, 7543
Kostov, K. 6133
Kostov, K. D. 3665, 5985, 6247
Kotar, M. 3205
Koterba, M. T. 6557
Kothmann, M. M. 4189
Kothny, E. L. 6719
Kotlyarov, I. I. 6759
Kotov, M. M. 4437
Kotzé, J. M. 1537, 1538, 1540, 3675, 3676, 7560
Kourtz, P. H. 1913
Kovács, M. 4394
Koval'chuk, A. V. 1352
Kovalenko, N. P. 4088
Kowal, I. P. 5186
Kowalski, S. 351, 3682
Kowalski, T. 351
Kowsar, A. 4798
Koyama, H. 13, 19
Kozak, K. 5819
Kozak, V. T. 6269
Kozarik, J. M. 4937
Kozhakhmetov, S. 7194
Kozinski, J. 4919
Kozlova, L. M. 6579
Kozlowski, T. T. 395, 1367, 3556, 3610, 6152, 6744, 6867
Koz'yakov, A. S. 4150
Koz'yakov, S. N. 4150
Kraayenoord, C. W. S. van 7545
Kraemer, J. F. 3596
Krahl, W. 7729
Kral, F. 6808
Kram, O. N. 4795
Kramer, A. 1939
Kramer, H. 3435, 3494
Kramer, P. J. 395
Kramer, W. 1254, 3321
Krasil'nikov, N. A. 844
Krasnec, J. P. 2845
Krasnobaeva, K. V. 817
Krasnov, N. A. 6830
Krasnov, V. P. 7299
Krasnovidov, A. N. 6698
Kratka, S. H. 4480
Kraus, J. F. 6857
Krause, C. R. 2837
Krause, D. 5807
Krause, H. H. 5878
Krauss, H. H. 1723
Kräuter, G. 6467
Kravchenko, G. L. 7337
Kravchenko, L. V. 1492
Kravchenko, N. P. 7208
Kravtsov, V. V. 2774
Kremser, W. 1631
Krest'yashina, L. V. 6438
Kreutzer, K. 2352, 2353, 3867, 3925
Kriebitzsch, W. U. 3553
Kriek, W. 1689
Krinard, R. M. 1374, 5761
Krishnamoorthy, K. K. 7393
Krivolutskiĭ, D. A. 4254
Kroll, J. C. 4523, 4528
Kromhout, C. 2276
Kromhout, C. P. 357
Kronfellner-Kraus, G. 5181
Kronka, F. J. N. 1697, 1766, 4780, 4860
Kronka, S. N. 1697, 4024
Kroodsma, R. L. 3762
Krostitz, W. 6342
Krot, V. F. 3385
Kroth, W. 1207
Kr"stanov, K. 2783, 2784
Kr"stanov, K. N. 3505, 5806, 5821, 7331
Kruger, F. J. 919, 2275, 4403
Krugman, S. L. 1019, 4348, 5440, 5488
Krukoff, B. A. 4353
Krupa, S. V. 4469
Krusche, D. 1036, 1528
Krushev, L. T. 1574, 3113
Krutov, V. I. 2056, 6178
Krutzsch, P. 1249, 1687, 3002, 3340, 7515, 7517
Krylov, N. I. 2762
Krylova, I. L. 4131, 6631
Kryukova, E. A. 1544, 6195
Kubin, E. 2347
Kucaba, S. 3536
Kučera, L. 6042
Kučera, L. J. 4313
Kučera, M. 6964
Kuchko, A. A. 5784
Kudon, L. H. 6298
Kudryavtsev, E. K. 829
Kühl, L. G. 4752
Kuiper, P. J. C. 3609
Kujala, M. 312
Kukachka, B. F. 6076, 6077, 6078, 6787, 6788, 6789
Kuksenkov, V. M. 3113
Kuksenok, Ya. S. 820
Kulakov, G. I. 1732
Kulakov, K. F. 1202
Kulgain, Yu. Z. 6803
Kulhavy, D. L. 3698
Kulicke, H. 6992
Kulikov, G. M. 1348
Kulikov, M. A. 7351
Kulkarni, D. H. 4913
Kulkarni, S. 6921
Kulyasov, A. G. 7367
Kulygin, A. A. 959, 7180
Kumar, V. 5231
Kummerow, J. 5807, 5808
Kung, F. H. 6850
Kunkle, S. H. 5174
Kunneke, C. 1585
Kunstadter, P. 5538, 7721
Künstle, E. 2912
Kuntz, J. E. 508, 4466, 4486
Kuoch, R. 4384
Kupelwieser, H. P. 112
Kuprionis, J. 7378
Kurbatskiĭ, N. P. 3592, 5996
Kurimura, T. 1397
Kurir, A. 7652
Kurkela, T. 509, 2048
Kurlyanchik, I. A. 6050
Kuroda, N. 2699
Kurozumi, S. 1570
Kurt, A. 4196
Kurt, F. 6336
Kurth, H. 3280, 6469
Kusch, D. S. 2100, 6302, 6303
Kushida, T. 4586
Kushlyaev, V. F. 779
Kushmaul, R. J. 3744
Kutsenogiĭ, K. P. 6300
Kuusela, K. 1876, 5331
Kuz'menkov, M. V. 6644
Kuz'michev, A. I. 4424
Kuz'michev, V. V. 4165
Kuznetsov, S. I. 7097
Kuznetsova, P. L. 6122
Kuznetsova, V. G. 6586
Kvint, V. L. 6294
Kwolek, W. F. 1985, 4093
Kyalina, L. V. 2443
Kyburz-Graber, R. 6501
Kydar, M. M. 3549
Kyuleva, I. 3539
La Goublaye de Nantois, T. de 2251
Laacke, R. J. 4240
Laar, A. van 1366, 1392, 1814, 1819, 5747, 5805
Labadie, P. O. 251
Labang, D. 2584
LaBonte, G. A. 6619
Laborde, R. M. de 1736
Labosky, P., Jr. 2439
Lacate, D. S. 7075
Lăcătuşu, M. 7016
Lacaze, J. F. 171, 440, 683, 1050, 7518
Lachance, D. 6187, 7570
Lachkova, V. 2904
Lackey, R. T. 6356
Ladeira, H. P. 797
Ladiges, P. Y. 3666
Ladrach, W. E. 63, 144, 3386, 3399, 3400, 3444, 3479, 4083, 4101, 4166, 4167, 4302, 4364, 4678, 5610, 5659, 6131, 6132, 7316
Ladrach, W. G. 3350
Lægaard, S. 4317
Laemmlen, F. F. 4479
Laffitte, A. M. 5313
Laffitte, J. C. 4759
Laflamme, G. 1543
Lafond, A. 6489
Låg, J. 354
Lagerlöf, E. 3290
Laguë, R. 1568
Lagutina, A. I. 2705
Lähde, E. 225
Lahiri, A. K. 4036

Lahti, S. 5227
Lai, Y. Z. 726
Laing, F. M. 2765
Laird, A. S. 6672
Lait, G. R. 2839
Lal, R. 2386, 2420
Lallukka, R. 2298
Lalonde, M. 491
Lama Gutiérrez, G. de la 4346, 4347, 6070
Lamarche, H. 3156
LaMarche, V. C., Jr. 7099
Lamb, A. F. A. 4760
Lamb, H. H. 2800
Lamb, R. J. 3677
Lambe, R. C. 2005
Lambert, C. 2437
Lambert, C. M. 3138
Lambert, M. J. 983, 1194, 3383, 5883
Lambert, W. E. 2948
Lammens, E. 976
Lamond, M. 6538
Lamont, B. 6043
Lamoreaux, R. 3622
Lamprecht, H. 3202, 4873, 5751
Landers, J. L. 554
Landin, M. C. 3772
Landingham, R. D. van 5668
Landolt, E. 3543
Lane, R. W. 5780
Lang, G. E. 5916
Lang, H. P. 245, 1336, 7262
Lang, K. J. 2045, 4363
Lange, C. J. de 6422
Lange, J. 6110
Lange, O. L. 4258
Lange, S. M. ten H. de 76
Langenau, E. E., Jr. 1242
Langenegger, H. 6370
Langford, K. J. 6391, 7690
Langguth, C. 2541
Långström, B. 6973
Lanier, G. N. 4556, 4567, 4568, 4569, 6998
Lanier, L. 1534, 7276
Lanly, J. P. 2654, 5327, 5522
Lans, H. van der 79
Lansigan, N. P. 5299
Lantican, D. M. 3278
Lanz, E. 5591
Lanz, W. 3423
Lanzara, P. 3633
Lapido, D. P. 154
Lapietra, G. 2098, 7528
Lapin, P. I. 4308
Lapis, E. B. 3734
Lara Londoño, L. 49
Larionov, G. V. 6295, 6299, 6300
Larionova, A. Ya. 4441
Larionova, N. A. 7477
Larmour, P. 3212
LaRoe, E. T. 6814
Larrobla, R. 178
Larsen, J. B. 3318, 4110, 4111
Larsen, M. J. 3672, 5503
Larson, F. R. 10, 4053
Larson, G. B. 5311
Larsson, A. 5313
Larsson, S. 3089
Laryukhin, G. A. 1782
Lascurain, C. F. 1146
Lasen, C. 1962
Lasmarias, V. T. 2689, 7198
Lasschuit, J. A. 5321
Last, F. T. 1527, 1619, 1902, 2495, 3890, 7424
Latorre Alonso, J. 2338
Lau, L. S. 4144
Laubenfels, D. J. de 416
Laudi, G. 3616
Laumond, C. 6288
Laundon, G. F. 3705
Laura, M. P. 368
Laurow, Z. 6037
Läuter, H. 6467
Lauterer, P. 7609
Lavender, D. P. 3398
Laverack, M. D. 2197
Lavoie, J. M. 5840
Lavsund, S. 4609
Law, K. N. 2440
Lawko, C. M. 2082
Lawson, B. D. 2422, 5995
Lawton, R. M. 1014, 1653
Layser, E. F. 6398
Layton, C. R. 2334
Lazar, G. 5046
Lazarchik, D. A. 6570
Lazarev, V. 3683
Lazarov, E. 3478, 7344
Le Chong Kuk 6659
Le Tacon, F. 2267
Lea, R. 3384
Lea, R. V. 2047
Leach, G. N. 706
Leach, J. H., Jr. 1475
Leaf, A. L. 873, 1480, 3384
Leaf, C. F. 7054
Leak, W. B. 3487
Leakey, R. R. B. 1034, 3347, 4453
Leamy, M. L. 849
Leatherberry, E. C. 3842
Leatherdale, D. 3970
Lebedev, V. E. 5824, 5841
Lebedev, V. V. 7375
Lebedeva, G. S. 1121
Leben, C. 1997
Lebreton, P. 384
Lebrun, J. P. 1504
Lebrun, P. 7014, 7015
Lecesne, A. 3261
Lechler, H. H. 6888
Leck, C. F. 4624
Leclerc, M. C. 5966
Leclercq, A. 266, 775
Ledesma, N. R. 4830, 4904
Ledgard, N. J. 6365
Ledieu, M. 5585
Ledig, F. T. 449, 2996
Lee, C. N. 6444
Lee, E. R. 1349
Lee, J. J. 3579
Lee, J. M., Jr. 1863
Lee, J. S. 1294
Lee, J. Y. 2368
Lee, K. E. 3569
Lee, K. J. 1533, 2956
Lee, K. Y. 1441
Lee, R. 3809
Lee, R. G. 916, 5149
Lee, S. T. 1481
Leege, T. A. 4602
Leek, N. A. 1673, 2227, 4096, 4712
Lefebvre, R. 3261
Lefèvre, S. 3261
Lefrou, G. 2260
Léger, R. G. 3555
Lehmann, J. 4155
Lehnardt, F. 7682
Lehtonen, I. 346, 347
Leibundgut, H. 747, 3195, 4432, 5518, 5617, 5915, 6024, 6125
Leigh, C. H. 15
Leijster, W. de 85
Leikola, M. 645
Leinert, S. 3980
Leiser, A. 599
Leite, A. M. C. 6030
Leite, J. C. C. 4660
Leite, N. B. 4837
Leivestad, H. 2384
Lekagul, B. 4613
Lelles, J. G. de 7199
Lelong, F. 4262
Lema, C. N. 2419
Lemaire, F. 6540, 6541
Lembke, E. 3993
Lemeur, R. 5942, 5949
Lemieux, G. 4683
Lemmer, J. 2291
Lemoine, B. 4237
Lemoine, M. 7534
Lenderink, H. 7082
Lenger, A. 1237
Lengert, W. 2433
Lenz, R. 6510
Leonard, J. H. 2829, 3362
Leonard, R. E. 1607, 4710
Leonardis, R. F. J. 4782
Leone, I. A. 4489
Leone, V. 800
Leong, H. N. 6730
Leont'eva, V. G. 6044
Leopold, A. S. 7029
Leow, I. 24
Lepistö, M. 5636
Lepoutre, B. 1891, 4766
Leprince, S. 2501
Lequarré, A. 2466
Leroy, J. F. 411, 416
Leslie, A. J. 3243
Lesovskiĭ, A. V. 6163
Lestander, T. 7540
Lester, D. T. 1985
Letonmyaki, M. N. 6749
Letouzey, R. 1965
Leube, F. 5664
Leuning, R. 5905
Leuschner, W. A. 581, 1128
Levanto, S. 1236
Leven, E. M. van't 4018
Levert, J. 6538
Levesque, C. 4253
Levesque, G. Y. 4253
Levin, È. D. 4320
Levine, R. L. 1242
Levinge, Sir R. 3801
Lévy, G. 350, 4262, 7256, 7265
Lewandowska, M. 386, 387
Lewark, S. 6140, 7518
Lewington, W. R. 2175
Lewis, C. 3994
Lewis, G. D. 4943
Lewis, M. 7043, 7044, 7045, 7046
Lewis, M. E. 6823
Leznoff, C. C. 2072, 6969
Li, R. M. 11
Li, X. S. 2059
Liacos, L. G. 924
Libäck, K. 1402
Libbey, L. M. 6260, 7638
Libby, W. J. 1037
Liben, L. 1506
Lidstone, R. G. 4592
Liebherr, J. 6981
Liebscher, H. 6381
Liedholm, H. 1318
Liegl, E. 6722
Lier, H. N. van 3159
Liese, A. L. 4472
Liese, W. 1444, 3699, 6035
Lieutier, F. 6979
Light, D. M. 1564
Lightfoot, C. J. 1580
Ligon, J. D. 6065
Likens, G. E. 3568
Likhovidov, V. E. 3113
Lill, W. S. van 1819
Lillywhite, H. B. 934
Lim, M. T. 31
Lim Suan, M. P. 2754
Lima, O. de S. 3507, 3547
Lima, W. de P. 4949
Lima, W. P. 4635
Limbird, A. 2472, 5866
Limburg Stirum, Comte C. de 3924
Lime, D. W. 3841, 3842
Lin, J. Y. C. 2031, 4501
Lindahl, K. Q. 6277
Lindberg, T. 6707
Lindburg, D. G. 7037
Lindemann, G. V. 6988
Linder, P. 2468
Linder, S. 2908
Lindgren, Å. 5936
Lindgren, D. 1040, 1249, 1268, 1491, 1518, 1520, 1523, 2999, 3011, 5629
Lindgren, K. 1490, 3011
Lindgren, O. 305, 1471
Lindholm, T. 6602
Lindley, D. K. 7404
Lindquist, C. H. 2847
Lindroth, A. 5937, 5953
Lindsey, A. A. 4701
Lindsey, D. L. 6877
Lindsey, J. P. 2506, 6165
Linduska, J. 4961
Lineberger, R. D. 610
Lines, R. 161, 1680, 1681, 1693, 2686, 5813, 7515
Linhart, Y. B. 2923
Link, C. B. 2269
Link, D. 4549
Linnane, J. L. 6983
Linnard, W. 421, 782, 1002, 2202
Linsky, B. 5973
Lions, J. C. 850
Lipa, J. J. 6258
Lisbão, L., Jr. 4831
Lisboa, P. L. B. 4366
Lisboa, R. C. L. 4366
Lister, C. K. 6983
Listov, A. A. 1359
Litash, N. P. 5749
Litchwark, H. S. 3041
Lithuanian SSR, Academy of Sciences, Institute of Economics 1395
Little, C. H. A. 528
Little, E. L., Jr. 2458, 5034, 6796
Little, S. 2987, 2993, 2996, 4416
Litton, R. B., Jr. 1836
Litvina, L. A. 6300
Litwin, P. J. 4284
Liu, C. J. 5790
Liu, V. T. 6717
Liu, W. C. 609
Livingston, C. H. 2916
Livingstone, J. M. 5318
Livshits, N. V. 4064
Lleras, E. 6030
Llewellyn, M. 6234
Lloyd, C. R. 5948
Lloyd, G. A. 3108
Lloyd, R. 3856
Lloyd, R. C. 723, 772
Lloyd, R. D. 4951
Lo, H. C. 4619
Loach, K. 6541
Loader, M. P. C. 5719
Lobacheva, M. E. 244
Lobjanidze, E. D. 6038
Locci, R. 3228
Lochman, J. 4626
Lochman, V. 4242
Lock, W. 2028
Lockow, K. W. 6467
Lockwood, G. B. 964
Loehr, R. C. 3
Löffler, H. 5390, 6684, 6685
Löffler, H. D. 1207
Löfqvist, J. 4576
Loftus, N. S. 7380
Logginov, B. I. 7710
Logvinov, I. V. 653
Lohammar, T. 5939
Lohani, D. N. 1333, 4012, 5064
Lohbeck, H. 4110, 4113
Lohm, U. 1274, 3089, 4265
Lõhmus, E. 434
Loigerot, J. 248
Lomakin, A. G. 855
Londo, G. 88
Long, B. L. 2623
Long, J. 2364
Long, J. N. 2877
Long, W. R. 1229
Longhitano, N. 3654
Longhurst, C. 6923
Longman, K. A. 1034, 3347, 4453
Lönnstedt, L. 1389, 5140, 5148
Lonsdale, D. 4512, 6237, 6898
Lontu, B. J. 845
Loock, E. E. M. 255
Loon, A. P. van 2840
Loon, J. H. van 3286
López Cadenas de Llano, F. 5183
Lopushanski, S. M. 3085
Lopushinsky, W. 6577
Lorbach, L. 5313
Lorberbaum, V. G. 7439
Loring, T. J. 260, 262
Lorrain-Smith, R. 1877, 5535
Löschau, M. 1634

Lossaint, P. 5966
Lotan, J. E. 4290
Lothner, D. C. 3276, 3277
Lotova, L. I. 6040
Lötschert, W. 4277
Louarn, H. le 2282, 7113, 7249
Löve, Á. 4383
Lovelius, N. V. 7098
Løvseth, T. 821
Lowe, R. G. 2724
Lowery, D. P. 261
Löyttyniemi, K. 381, 383, 546, 3348
Löyttyniemi, K. T. 41
Lozano Calle, J. M. 7399
Lozovoĭ, A. D. 6626, 7286
Luca, P. de 4334
Luca, Y. de 3855
Lucas, G. 366
Lucas, R. C. 3163
Luchkou, A. I. 2429
Luck, R. F. 3729
Lückhoff, H. A. 1301
Ludlow-Wiechers, B. 2894, 2895
Luger, F. 6313
Luginbühl, M. 1535
Lugod, G. C. 4153
Lugt, C. B. 6775
Luik, A. 538
Luĭk, A. 6987
Luke, R. H. 5993
Lukisha, V. V. 2144
Luk'yanets, A. I. 3252
Luk'yanets, V. B. 1072
Luna Flores, C. D. 4853, 4854
Luna Lorente, F. 4924
Luna Lugo, A. 4905, 5094
Lund-Høie, K. 2741, 2742, 5706, 5724
Lundberg, C. 2893
Lunde, G. 2799
Lunderstädt, J. 3992, 7003, 7004
Lundin, L. 1136
Lundkvist, H. 1274
Lundkvist, K. 2485
Lundmark, J. E. 1370, 1371
Lünzmann, K. 6512
Lüpke, B. von 2824, 7267
Lüscher, P. 3522
Lutskiĭ, V. I. 2441
Lüttge, U. 2444
Luukkanen, O. 1954
L'vov, P. L. 578
L'vov, P. N. 2281, 7210
L'vutin, I. G. 3447
Lyakhova, N. P. 6019
Lyamin, I. V. 2756
Lyapova, Ĭ. 2802, 7408
Lyly, O. 1758
Lynch, J. A. 5981
Lyon, W. F. 3074
Lysova, N. V. 122, 6711
Ma, S. K. 1415
Maaren, A. van 80
Mabey, R. 7724
McAda, C. W. 7686
McArthur, A. G. 4886, 5993
MacArthur, D. A. 1432
McArthur, E. D. 4603
MacArthur, J. D. 6455
MacArthur, R. H. 6316
Macauley, B. J. 6279
McBeath, J. H. 4481, 4482
McBride, F. D. 569
MacBryde, B. 5570
McCavish, W. J. 1304, 5670, 5710, 5715, 5721, 5729, 5730
McCay, R. E. 579
McClain, K. M. 1460
McClelland, B. R. 4529
McClenahan, W. S. 3974
McClure, J. P. 1393
McClure, M. S. 6232
McColl, J. G. 3574
McComb, C. W. 552
McConathy, R. K. 1485
McConchie, D. L. 1245, 2055, 3583
MacConnell, J. G. 6271
McCormick, J. 1012, 2989, 7443
McCown, B. H. 616, 617
McCracken, I. 5958
McCracken, I. J. 6362, 6368, 6369
McCracken, W. 6818
McCulloch, S. M. 617
McCullough, R. B. 3013
McCully, A. J. 3705
McCutchan, M. H. 894
McCutcheon, G. S. 6683
McDaniel, C. A. 6938
McDermid, R. W. 5276
McDonald, B. P. 2136
MacDonald, J. D. 1080
MacDonald, L. M. 2072
McDonald, P. M. 7274
MacDonald, W. L. 503
McDowall, R. M. 3797
Mace, M. 1871
Maceljski, M. 2642
McEwen, F. L. 1621
McFadden, M. W. 6254
McFarlane, J. W. 3084
McGarity, R. W. 241
McGinnes, E. A., Jr. 2856, 4331
McGrath, J. F. 2255, 7190
McGraw, J. R. 4547
MacGregor, J. J. 5055
McGuire, J. R. 4725, 7733
Machado, A. D. 6170
Machado, E. de F. 3957
McHenry, W. B. 2295
McIlroy, J. C. 1908
MacInnes, I. C. 1324
McInnes, R. S. 2108
McIntire, C. D. 6387
McIntosh, R. 3378, 3379, 5704
Maciolek, J. A. 2596
MacIver, D. C. 1881, 2379
MacIver, I. F. 1643
McKay, G. M. 3535
MacKay, S. 2024
McKee, W. H., Jr. 2701
McKell, C. M. 5244
McKelvey, P. J. 3283
McKenzie, B. 576, 950, 7726
McKenzie, G. D. 1172
MacKenzie, M. 3685
MacKenzie, Sir H. 3801
McKenzie, T. L. 7007
McKenzie, W. M. 5495
McKernan, D. L. 3801
McKillop, W. 6488
McKimm, R. J. 2410, 7285
McKimmy, M. D. 4439
McKinnell, F. H. 6421
MacKinnon, K. S. 1139
Mackintosh, E. E. 1182, 5904
Macklin, C. 1676
McLachlan, D. 950, 7726
McLaren, I. A. 1577
McLaughlin, M. C. 3028
McLaughlin, S. B. 1485
McLean, A. 6308
MacLean, D. A. 3531
McLean, J. A. 4566
McLeay, D. J. 3577, 3804
McLeod, B. B. 3083, 4592
MacLeod, D. 1799, 5830
MacLeod, D. A. 2365
McLeod, D. A. 2776
Macleod, J. C. 1632, 4885
McLeod, J. M. 1568
McLeod, K. W. 3548, 3561
McMahon, R. O. 7153
McManus, M. L. 2533, 6255
MacMillan, P. C. 2394, 2395
McMinn, R. G. 1462
McMullen, L. H. 6982
McMurphy, C. J. 7394
McNab, W. H. 7192
McNabb, K. L. 2246
McNamara, J. 3789
McNamara, K. 7669
McNaught, J. K. 5535
McNaughton, J. 6459
McNeely, J. A. 2659, 4613
McNeil, R. 4688
McNeill, H. W. 1869
Macpherson, J. M. 6390
McQueen, D. R. 4410
McQueen, I. P. M. 2160
McQuillan, A. G. 3475, 7717
McReynolds, R. D. 3459
McWilliams, E. L. 607
Madden, J. L. 3724
Madgwick, H. A. I. 808
Madrigal Sánchez, X. 433, 435
Madsen, E. 696
Madsen, T. L. 4103
Maeta, Y. 471
Maezawa, K. 267
Magaldi, D. 3546
Magasi, L. P. 2554
Maggio, R. C. 6608
Maghembe, J. A. 7228
Magill, R. E. 2457
Magini, E. 698, 7204
Magnani, G. 7579
Magnussen, S. 6616
Maguire, B. 7447
Mahar, J. 6981
Mahdi, M. Z. 200
Mahendrappa, M. K. 2830
Mai, H. 5652, 5653
Măieran, M. 7517
Maĭorchik, I. B. 128
Maĭorov, L. I. 7234
Mair, A. 5347
Majer, J. D. 1140, 4531, 7032, 7470
Major, C. S. 5727
Majzlan, O. 7637
Makarenko, A. A. 4244, 7327
Makedonska, Ts. 2913, 4251
Makepeace, R. J. 5726
Makhatadze, L. B. 3652, 6825
Makhmet, B. M. 699, 4039
Makhnev, A. K. 126, 7547
Makhneva, O. V. 7547
Makhovs'ka, M. O. 1163
Maki, T. E. 4851
Makovoz, Yu. I. 820
Makovskiĭ, V. I. 3245
Maksimchuk, P. L. 7302
Maksimov, A. P. 6454
Maksimova. T. A. 7422
Maksimović, M. 2548
Maksymov, J. K. 6252
Malain, R. J. 7720
Malaisse, F. 2143, 2330
Malajczuk, N. 1091, 2035, 5908
Malakhovets, P. M. 203
Malan'in, A. N. 840
Malaysia, Forestry Department of West Malaysia 4808
Malcolm, D. C. 2702, 3864, 3888
Maldonado Aguirre, L. J. 7305
Malechek, J. C. 5244
Málek, J. 1507
Malhotra, S. S. 2836, 2900, 2901, 5983
Malimbwi, R. E. 156, 5609
Malinovskiĭ, A. V. 1138
Malishevskaya, V. V. 4245
Malkin, V. K. 7361
Malmberg, G. 1951, 1952
Malofeeva, M. A. 7297
Malokvasova, T. S. 3752
Maloney, R. C. 9
Maloney, T. M. 5497
Malphettes, C. B. 7248
Mal'tsev, M. P. 1255
Malvarez, I. 4768
Malyĭ, L. P. 3113
Malyukova, I. I. 773
Malyutina, E. T. 6791
Mamaev, B. M. 1132
Mamaev, S. A. 120, 4235
Mamaiev, B. M. 1132
Mamiya, Y. 2569
Mammen, E. 643
Mamushkin, G. S. 6021
Manabe, T. 3706
Manakov, V. A. 7302
Manan, S. 2668
Manchester, S. R. 1445
Mancini, G. 2567
Mandev, A. 3812, 7413
Mandeville, H. 1190
Mandrioli, P. 3621
Mangalis, I. 4184
Mangenot, F. 7102
Mani, M. V. 6634
Manion, P. 4473
Manion, P. D. 3046, 4468, 4473
Manka, K. 4995
Mann, C. 1771
Mann, D. H. 2816
Mann, W. F., Jr. 3426, 5814
Mannerkoski, H. 835
Manning, G. H. 1676, 6499
Mannion, E. G. 2696
Manokaran, N. 36, 991, 1795
Manson, A. 6135
Mansurov, A. K. 4657
Manthy, R. S. 5559, 5560
Manzanilla Bolio, H. 5795
Manzini, E. 1198
Manzini, M. L. 3616
Mapes, M. O. 7127
Maradei, D. 5736
Marais, L. J. 1537, 1538, 3675, 3676, 7560
Marakushina, L. P. 4254
Maranda, J. 6253
Marasin, L. E. 7367
Marca, O. la 1086, 1816
Marcel, J. 2141
Marchant, N. G. 4407
Marchenko, A. 4183
Marcondes, M. A. P. 3327, 5475
Marcum, C. L. 7665
Maree, H. B. 2276, 2304, 5759
Margaĭlik, G. I. 6441
Margaris, N. S. 898
Marguglio, T. 5382
Margus, M. 568
Mariani, E. O. 6514
Mariano, G. 1700
Mariaux, A. 1446, 1447, 1448, 6039
Marien, J. N. 1991, 2253, 2264
Mar'in, E. M. 7182
Marinček, L. 4392
Marinelli, E. 692
Marinković, P. 3687
Marinov, I. 2979, 3664, 6149
Marinov, M. 4825
Marion, J. E. 5153
Markali, J. 2799
Markin, G. P. 550, 6306
Markin, V. M. 3450
Marks, G. C. 2036, 3691
Marks, P. L. 4181
Markvart, V. R. 5624
Marlatt, R. B. 3056
Mármol, L. A. 4862
Marois, R. 5840
Maronek, D. M. 597, 4048, 7135
Marpeau, A. 1047
Marques, F. 2470
Marquestaut, J. 1279, 1991, 2308
Marquez, W. 1146
Marquis, D. A. 450, 7252
Marraco Solana, S. 4944
Marrone, P. G. 6975
Mars, D. J., de 297
Marsäter, B. 4906
Marsh, E. K. 4796
Marsh, P. M. 6959
Marshall, A. G. 2581
Marshall, J. 1543
Marshall, J. E. 5010
Marshall, J. R. 5839
Marshall, V. G. 526
Marsiglia, O. M. 4772
Martell, A. M. 6318
Martem'yanov, P. B. 7206
Mårtensson, O. 398, 399, 1951, 1952
Martignoni, M. E. 6958
Martin, B. 161, 398, 399, 684, 1951, 1952, 4846
Martin, C. S. 3
Martin, F. W. 2321, 3463
Martin, M. H. 4278

Martin, N. E. 3027, 3033, 3034
Martín, R. R. 5065
Martin, S. C. 3758
Martinek, V. 2536
Martinelli, M., Jr. 7054, 7695
Martinez, A. P. 3700
Martínez-Hernández, E. 2894, 2895
Martínez, L. 4795
Martínez M., O. 4789, 4855
Martínez, S. 3149
Marton, J. 5675
Marton, R. 1741
Martynenko, V. V. 3736
Martynov, A. N. 4236, 6697, 6698
Martynov, E. N. 4623
Martyshechkina, A. F. 6163
Marucci, P. E. 2987
Marulanda, C. 6410
Marushina, N. G. 6217
Marvin, J. W. 2765
Marwat, A. G. 2316
Marx, D. H. 6175
Marx, H. G. 1487
Maschimento, V. R. 3958
Maschning, E. 1761
Maser, C. 6172
Mashukov, A. P. 7167
Maskaev, N. M. 7306
Maslakov, E. L. 1277, 1731
Mason, C. J. 2533
Mason, P. A. 478, 2495
Massengale, M. A. 1211
Massèse, C. S. la 6288, 7013
Masset, P. L. 4285
Massey, M. E. 3835
Masson, J. 4116
Masson, J. L. 3997, 4026, 4197
Master, D. C. Le 5560
Mater, J. 5136
Matérn, B. 303, 628, 1521
Matheson, A. C. 184, 1053, 6837
Mathias, G. 7272
Mathias, J. A. 37
Mathiasen, R. L. 2060
Mathieu, I. 3173
Mathison, R. S. 258
Mathu, W. J. 2348
Mathy, P. 2408
Matorin, D. N. 6057
Matos González, E. 4797
Matsuda, K. 2966
Matsumoto, T. 26, 27, 34, 4536
Matsumura, F. 4575, 7646
Matter, J. F. 3186
Matthes, R. K. 5757
Matthews, F. R. 513, 2051
Matthews, J. D. 2484, 3890
Mattson, W. J. 6061
Matveev, A. M. 1911, 1914
Matveev, P. M. 1911
Matveeva, R. N. 5651
Matziris, D. I. 2262, 5853, 6522
Mauget, J. C. 388, 389
Maughan, R. 7091
Maun, M. M. 3330, 6591
Maurer, V. M. 982
Mauritz, A. 5857
Maury-Lechon, G. 7456, 7457, 7459
Max, T. X. 618
Maxwell, T. J. 3832
May, J. T. 6494
May, S. 6761
Maydell, H. J. von 3928, 5202, 5212, 6415, 7023
Mayer, H. 3189, 4386, 5489, 5513
Mayer, R. 7427
Mayer, W. H. 1396
Mayhead, G. J. 745, 1304, 1305
Maza, J. de la 4741
Mazhugin, I. N. 834, 7367
Mazuera, H. 4065, 5610
Mazur, S. 6210
Mazurenko, M. T. 6864
Mbaelele, M. M. 2121
Mbi, C. N. 6046
Mead, D. A. 5773
Mead, D. J. 3357, 3361
Mead, M. A. 2015
Meadors, C. H. 6607
Meagher, M. D. 6137
Means, J. E. 2394, 2395
Mechler, J. L. 3164
Medici, G. 644
Medina, E. 662, 2404, 4419
Mednik, I. G. 3565
Medve, R. J. 2613
Medvedeva, L. A. 7229
Medvedeva, S. A. 2441, 3603, 3607, 6049, 6769, 6770, 6771, 6772
Medway, Lord 2584, 5468
Meentemeyer, V. 7388
Meer, F. A. van der 7535
Megahan, W. F. 5860, 5897, 5899
Meganck, R. A. 577
Mehdizadeh, P. 4798
Meher-Homji, V. M. 4387, 6107
Mehlschau, J. J. 5627
Mehra, P. N. 476
Mehrota, M. D. 4335
Meiden, H. A. van der 84, 2349, 7536
Meier, R. L. 7745
Meijer, W. 7451
Meikle, R. D. 1964
Mejegård, S. 3001
Melanokholin, P. N. 882
Mel'chanov, V. A. 2145
Melchior, G. H. 463, 695, 1036, 1528, 1714, 5448, 7537
Melchior, G. L. 2006
Mele, A. 5159, 5180
Melekhov, I. S. 2652, 7338
Meleshin, P. I. 1277
Meleshin, P. L. 1731
Meli, R. 3654
Melillo, J. M. 3567
Mellado, B. 6968
Mello, H. do A. 1713, 4024, 4949
Melquist, W. E. 2111
Melua, A. I. 4297
Melville, R. 366
Melvin, J. C. E. 1550
Melzer, E. W. 7191
Ménard, M. 4191
Menaut, J. C. 1817
Mendes, E. J. 7498
Mendes, L. 4983
Mendonza, L. A. 4842, 5366
Mendoza, M. P. 4151
Mendoza, V. B. 2755, 4371, 4372
Menghini, A. 2431, 2476
Mengies, L. 7060
Menke, J. W. 921
Menn, J. J. 3754
Menon, K. D. 6632
Menyailo, L. N. 7484
Mercer, P. C. 767, 1096, 3171
Mercier, J. C. 657
Mergen, F. 5205
Merida, T. 4261
Merighi, G. 2273
Merino Cuevas, R. 6432
Merrifield, R. G. 5574
Merrill, W. 3051, 3059
Merritt, J. F. 4610
Merritt, J. M. 4610
Mertens, F. 976
Merzlenko, M. D. 736
Metcalfe, C. R. 6768
Methven, I. R. 1770
Meulemans, M. 4505
Meulen, F. van der 2465, 2471
Mew, G. 849
Mexal, J. 2871
Mexal, J. G. 1947, 6175

Mexico, Dirección General del Inventario Nacional Forestal 315, 3269, 6677, 6678
Mexico, Instituto Nacional de Investigaciones Forestales 786
Mexico, Subsecretaria Forestal y de la Fauna 3266
Meyer, A. 4973, 4974
Meyer, F. H. 7748
Meyer, F. W. 7586
Meyer, M. P. 5839
Meyer, R. E. 6311
Meyer, R. P. 7007
Meyers, J. M. 3765
Meyr, R. 778
Mezhibovskiĭ, A. M. 4107
Mialhe, P. 6588, 6589
Micha, F. R. 5491
Michaelson, J. 933
Michalski, J. 6274
Michaud, D. 1704
Michel, M. F. 4318
Michelena, R. 4801
Micheli Saavedra, H. 4733
Michelozzi, G. P. 2432
Michie, E. J. S. 3104
Michurina, L. 3795
Miegroet, M. van 3183, 4930
Mielikäinen, K. 1826
Miers, K. H. 4890
Migita, K. 1715
Migliaccio, E. 5368
Miglioli, J. A. 4773, 4776
Miguel, C. 489, 3024, 3673
Miguet, F. M. 5240
Migunova, E. S. 2721, 7333
Mihkelson, S. 543
Mijares, A. 4538
Mikhailov, L. E. 4774
Mikhaĭlov, M. M. 7339
Mikhalin, I. Ya. 3257
Mikhlina, L. B. 5986
Mikhov, I. 2779, 2783, 2793, 3404, 5806, 7344
Miki, K. 2903
Mikkola, L. 3313, 3348, 7178
Mikkonen, E. 4125
Mikola, J. J. 970
Mikola, P. 5100
Milanov, R. 3523, 7386, 7708
Milde, R. de 4156, 4162, 4203, 4210
Mildenhall, D. C. 2977
Miles, J. 2727, 3636, 6321
Miles, J. A. 5627
Miles, R. S. 6066
Milescu, I. 4931, 5354
Millar, C. S. 4247, 6908
Miller, C. A. 1553, 2071, 6403
Miller, C. I. 6679
Miller, D. H. 3792
Miller, F. L. 3793
Miller, G. E. 530
Miller, H. G. 3876, 4270, 7347, 7425, 7428
Miller, J. D. 4270, 7347
Miller, K. 7087
Miller, K. R. 5418
Miller, M. 3618
Miller, P. C. 343
Miller, R. B. 1445, 2861
Miller, R. G. 453
Miller, R. W. 5848
Miller, T. 2952
Miller, W. E. 6967
Miller, W. F. 6608
Millette, G. J. F. 3555
Millier, C. 7511
Mills, C. L. 382
Mills, D. H. 3801, 6359
Mills, P. D. 7465
Miloserdov, N. M. 7059
Milovidova, I. B. 121
Milstead, J. E. 6965
Milyutin, L. I. 4429
Minder, I. F. 3746
Minervini, G. 3228
Minier, J. M. 6541
Minina, E. G. 3333, 6059, 7477
Minko, G. 720, 1721, 5858
Minks, A. K. 2562
Minnich, R. A. 946
Minowa, M. 4199, 4200
Minter, D. W. 6908
Mironov, B. A. 5909
Miroshnichenko, E. Ya. 773
Miroslavova, S. A. 6579
Mishina, T. 5005
Mishra, C. S. 7480
Mishra, G. P. 2452, 2804, 4646
Misra, K. 7480
Missbach, K. 6752
Mistretta, P. A. 6881
Mitchell, A. F. 4887
Mitchell, C. A. 595
Mitchell, C. P. 4247
Mitchell, D. T. 2027
Mitchell, K. J. 629
Mitchell, M. J. 5925
Mitchell, R. 5991
Mitchell, R. G. 549
Mitchell, S. T. 1345
Mitrofanov, A. S. 722, 6624
Mitrofanova, T. K. 7477
Mitscherlich, G. 2912, 3590
Mittak, W. L. 1500, 5022
Mittempergher, L. 1062, 2052
Mitton, J. B. 2923, 6868
Miulescu, I. 7519
Miyai, S. 430
Miyajima, H. 471, 2966
Miyamoto, I. 429
Miyasaki, J. M. 1712
Miyawaki, A. 4686
Miyazaki, M. 4579, 4580
Mize, C. W. 2047
Mkilanya, P. M. 145
Mlinšek, D. 3182, 3185, 3864, 4987, 5443
Moberg, L. 2744
Mochalov, S. A. 787, 1791
Modonova, L. D. 6044
Moehring, D. M. 5902
Moeller, F. W. 7121, 7122
Mogea, J. P. 985
Mohamed Allaoui 5130
Mohapatra, C. H. 3282
Mohapatra, C. R. 4900, 5078, 5325
Mohlenbrock, R. H. 1442
Mohler, C. L. 4181
Mohn, C. A. 1985
Mohrdiek, O. 119, 6866, 7537
Mohyuddin, A. I. 3862
Moini, S. 5627
Moiroud, A. 6880
Moiseev, N. A. 5051, 5099
Moiseeva, N. A. 352
Molchanov, M. I. 3747
Molder, M. 1026, 2921, 6786
Moles, A. C. 604
Molfino, A. 4779, 4787
Molina, F. 218
Molina, R. 3679
Molino, O. 4756, 4799
Moll, E. J. 419, 576, 950, 1513, 2455, 3649, 7726
Møller, A. P. 6327
Möller, C. 2101
Moller, I. 5662
Mollova, N. 7384
Molloy, B. P. J. 420
Molnar, J. M. 609
Molski, B. 6765
Molster, H. C. 3971
Moltesen, P. 4103
Mon, R. 4801
Moncayo Ruiz, F. 435
Mongi, A. L. D. 5222
Monrozier, L. J. 7387
Monsen, S. B. 412
Montagna, R. G. 1766
Montaña Sao, A. 6642
Montano, J. 596, 598
Montano, J. M. 608
Monteith, D. B. 7312
Montes, R. 2404
Montes, R. A. 2825
Montgomery, A. A. 1865, 6495
Monti, P. 1182
Monti, P. W. 5904
Mooi, J. 5435
Mook, W. G. 2646
Mooney, H. A. 893, 905, 6777
Moore, D. G. 5893

Moore, D. M. 4420
Moore, J. B. 7051
Moore, K. E. 393
Moore, L. D. 2007
Moore, L. R. 6537
Moore, R. E. B. 510
Moore, R. T. 6649
Moore, W. D. 5292
Moorman, T. 6879
Moosmayer, H. U. 6666
Mooyweer, A. M. 2312
Moraes, J. L. de 1699, 1700
Morales, E. 1849
Moran, R. J. 6391, 7690
Morandini, R. 321, 323, 2424, 4783, 5355, 5370
Moravec, J. 4396
Moreau, J. P. 6562
Moreau, R. 2387
Morehart, A. L. 2006, 2043
Morel, H. 3261
Morelet, M. 514, 2500
Morello, J. 1146, 4768
Morello, J. H. 4832
Moretti, A. 4334
Moretti, F. 2567
Morgan, D. L. 607
Morgan, H. E. 5088
Morgan-Jones, J. F. 6911
Morgan, M. E. 7638
Morgan, W. B. 6515
Morgenstern, E. K. 5373, 7517
Mori, K. 3410, 6267
Mori, S. A. 4461
Morin, J. L. 319
Morino, D. 7479
Moriondo, F. 1105, 2052
Morita, K. 4287
Morofsky, E. 2188
Moromizato, S. 1411
Morris, J. W. 2405
Morris, J. Y. 6363
Morris, O. N. 4584
Morris, W. G. 6175
Morrison, B. R. S. 3110
Morrison, D. W. 7028
Morrison, I. K. 6545
Morrison, P. T. C. 4940
Morrow, P. A. 6283
Morschel, J. R. 3066
Morselli, M. 2765
Morsink, W. A. G. 6447
Morvan, J. 374
Morze, J. 1725, 2293, 2706, 7200
Moschler, W. W. 470
Mosegaard, J. 3368
Moseley, J. 7087
Moser, J. C. 1131, 4562, 4563, 6997
Moser, J. W., Jr. 3978
Moser, M. 7553
Mosher, O. P. 1100
Moskaleva, V. E. 3587
Mosley, M. P. 4651
Mosnier, M. 1504
Moss, D. 3884, 6316, 6328
Mossadegh, A. 5460
Mossadeghi, S. 4945
Mössmer, R. 3847
Mounce, D. E. 2129
Moura Neto, B. V. de 1699, 1700
Moura, V. P. G. 432
Mourot, N. 3261
Moutsinas, C. M. 7092
Mouttet, B. 6051
Mozolevskaya, E. G. 1121, 6229, 6999
Mráček, Z. 6440
Mráz, K. 4648
Mrazek, F. 6594, 6595
Mroz, G. D. 726
M'Sadda, K. 4895
Mtuy, M. C. P. 3476
Mubita, A. C. 3348
Mucha, S. B. 3861
Mudende, M. 5543
Mudhar, P. K. 1545
Mueggler, W. F. 259, 7667
Mueller-Darss, H. 3291
Muetzelfeldt, R. I. 1594
Mugelli, M. 3509
Muhle, O. 1679, 4110, 4112
Mühlfenzl, R. 572
Muhs, H. J. 7537
Mujica, F. D. 6604
Mukerjee, S. N. 4511
Mukhin, V. A. 2492, 7558
Mukti, A. 3016
Mukula, J. 2298
Mülder, D. 1314
Mulder, D. 2517
Mülder, D. 3442, 6471, 7335
Mulhern, J. 1486
Mullem, W. A. van 1341
Mullen, G. J. 3495
Muller, C. 7245, 7246
Müller, E. 1535
Müller, F. 6713
Muller, G. 1054
Muller, J. 7449
Müller-Starck, G. 4430
Müller-Stoll, W. R. 2433
Müller, T. 1502, 2640
Müller-Using, B. 6578
Müller, W. 7006
Müllerstael, H. 133
Mullin, L. J. 1412, 2681
Mullin, R. E. 216, 4833, 6575
Munaut, A. V. 3173
Münch, W. D. 2768
Mundie, J. H. 2129
Mungikar, A. M. 6207
Muniswami, K. P. 6831
Muniz, I. P. 2130, 2384
Muñoz Daza, V. M. 3954
Munro, J. R. 3804
Munro, R. C. 1619, 7129
Munsch, A. 339
Münster-Swendsen, M. 6947, 7619
Muraro, S. J. 2839
Muresan, G. 5401
Murphy, J. L. 4666
Murphy, P. A. 5548, 5549
Murphy, P. G. 1813
Murphy, P. J. 4925
Murray, A. M. 263, 5799
Murray, J. S. 3874
Murray, W. G. 5760
Murthy, R. L. N. 4551
Murzov, A. I. 125
Musa, O. S. 3904
Musalem Lopez, F. J. 5385
Musalem, M. A. 2963
Mushi, J. A. 3518
Musil, M. 4519
Musnad, H. A. 2149
Mustaparta, H. 4567
Mutch, W. E. S. 3886, 4962
Muthoo, M. K. 5161
Mutka, K. 225
Mutto, S. 6192
Mutz, J. L. 4607
Mwambetania, F. 5455
M'yakushko, V. K. 1510
Myasoedov, V. P. 5969
Myatt, R. G. 6154
Myers, B. J. 1394, 1414, 1872
Myers, E. A. 6565
Myers, N. 1610, 1636, 2122, 5447, 6473
Myren, D. T. 1536
Nabos, B. 1776, 1778, 2758
Nadeau, J. P. 4593
Nagamori, M. 3514
Nagao, M. A. 2442
Nagasuka, T. 1273
Nagata, H. 1264
Nagata, J. T. 7575
Nagle, G. S. 5564
Naĭdenov, M. 2905
Naĭdenova, Ts. 3615, 3665
Nair, M. 4511
Nairn, L. D. 5671
Naithani, H. B. 4359, 6022
Najar, M. 2265
Nakamura, Y. 3564
Nakashima, Y. 5290
Nakasone, H. 1439
Nakata, G. 1715
Nakos, G. 1083, 3542, 3572, 5853, 5864, 6572
Nakvasina, E. N. 2778
Nambiar, E. K. S. 6598
Namkoong, G. 444, 536, 6128, 6849
Nang, F. V. 4316
Nannestad, N. 4013
Nänni, U. W. 2636
Nanson, A. 1042, 4004, 7518
Nantois, T. de L. G. de 2251
Nanu, N. 2960, 2965
Narayana, K. H. S. 6774
Narboni, P. 7358
Narkevich, V. I. 7366, 7367
Nartov, P. S. 2757, 7296
Naryshkin, M. A. 6737
Nas, R. M. W. J. 1644
Nascimento, J. R. 3959
Nash, R. W. 6619
Naskali, R. J. 4602
Năstase, I. 7016
Natawiria, D. 5415, 6934
Nather, J. 3415, 6596
Naumenko, E. G. 700
Naumenko, E. N. 3431, 7238
Naumov, F. V. 6241
Navarro Garnica, M. 4954, 5501
Naveh, Z. 925
Navia, R. 4786
Navratil, S. 3028, 3029
Naysmith, J. K. 5084
Nayudamma, Y. 5410
Neal, A. W. 3104
Neary, D. G. 566, 3362, 3575
Neaves, P. I. 2594
Nebe, W. 2256, 7188
Neckelman, J. 861
Neckelmann, J. 5689
Nedashkovskiĭ, A. N. 788, 4129
Nedialkov, S. T. 4834
Nedoluzhko, V. A. 4309
Nedyalkov, S. 6386
Neel, W. W. 2948
Neely, D. 6203
Neenan, M. 3488
Nef, L. 7014, 7015
Negreiros, O. C. de 4059, 4780
Neilsen, W. A. 1892
Neisess, J. 549
Nekhaĭchuk, O. G. 3587
Nekrasov, V. I. 1262
Nekrasova, T. P. 7181
Nelson, A. W., Jr. 7152
Nelson, D. 7069
Nelson, E. A. 3398
Nelson, E. E. 1112
Nelson, N. D. 392, 2855
Nelson, R. W. 6372
Nelson, T. C. 4737
Nelson, W. 6373, 7043, 7044, 7045, 7046
Nemati, N. 5241
Nembi, V. 3229
Németh, M. 2522
Nepveu, G. 466, 1055, 1056, 3908, 6856, 7138
Nerush, M. N. 7346
Nesargi, V. S. 5207
Nesbitt, M. E. 5911
Nesterovich, N. D. 1492
Nestsyarovich, M. D. 2429
Netherlands, Instituut voor Mechanisatie, Arbeid en Gebouwen 7165
Netherlands, Koninklijke Nederlandse Bosbouw Vereniging 81
Netherlands, Nationale Populieren Commissie, Werkgroep 'Plantsoen en Rassen' 5688
Netherlands, Proefstation voor de Boomkwekerij Boskoop 2707
Netherlands, Royal Tropical Institute 6413
Netzer, D. A. 230
Netzorg, L. B. 7151
Neuhäusel, R. 4395
Neuhäuslová-Novotná, Z. 4395
Neumann, F. G. 3078, 3750, 6986
Neumann, M. 801
Neuwinger, I. 7379
Nevzorov, V. M. 2822
New Zealand Ecological Society 100
New Zealand, Forest Research Institute 5735, 6390, 6620, 7026
New Zealand, Logging Industry Research Association 758, 759, 764, 765, 781, 1310, 1311, 1312, 1313
Newell, L. T. 6562
Newman, E. I. 1946
Newman, L. A. 3538
Newton, A. 990
Newton, C. M. 1833, 6464
Newton, C. R. 4051
Newton, L. 1346
Newton, M. 4806, 7221
Newton, M. J. 320
Newton, W. 487
Nez, G. 6404, 6405
Ng, R. 23
Ngaro, S. B. 654
Nguyet, P. M. 146
Nicaragua, Government of Nicaragua 660
Nicelielo, N. 140
Nicholas, I. D. 6620
Nicholls, D. F. 4938
Nicholls, J. L. 1608
Nicholls, J. W. P. 1626, 6153
Nicholls, T. H. 4483
Nicholson, D. I. 2154
Nicholson, H. B. 2625, 2633, 2639
Nicholson, H. F. 3800
Nicholson, I. A. 7424
Nicielo, N. 189
Nicol, S. L. 2106
Nicolás Isasa, J. J. 5470
Nielsen, J. 6424
Nielsen, U. 2365
Niembro, A. 2963
Niemelä, S. 887
Nieminen, M. 3791
Niemtur, S. 879
Nienstaedt, H. 5383
Niesslein, E. 3911, 4673, 5072
Nieves, L. O. 5812
Nigam, P. C. 5424
Nigeria, Federal Department of Forest Research 4443
Nigeria, Federal Department of Forestry 3830
Nijholt, W. W. 6982
Nikiforov, G. M. 7623
Nikitin, A. P. 1157
Nikitin, S. A. 704, 1159
Nikles, D. G. 2, 131, 134, 138, 139, 147, 149, 166, 183, 187, 355, 678, 1903, 3225, 4828, 4847, 5031, 6618
Nikolaenko, B. T. 4988
Nikolaenko, V. T. 732, 5429, 7042
Nikolaeva, A. N. 4310
Nikolaeva, M. G. 2687
Nikolaèva, O. S. 6122
Nikolaevskiĭ, V. S. 7422
Nikolov, S. 5985
Nikolov, V. 2838, 4118, 6020
Nikolova, M. 2688
Niles, L. J. 3764
Nilov, V. N. 4238
Nilsen, S. 2714
Nilson, H. E. 5343
Nilssen, A. C. 3087
Nilsson, I. N. 6121
Nilsson, J. E. 638
Nilsson, N. E. 110, 630, 652, 4907
Nilsson, S. 1136, 1572, 5253
Nilsson, S. G. 6121
Nishiguchi, C. 3748
Nishina, K. 472
Niţu, C. 173, 7515
Nixon, E. S. 6112
Nixon, K. M. 6835
Nkaonja, R. S. W. 131

Noble, B. F. 4023
Noble, I. R. 897, 4294
Nobuchi, A. 3739, 6978
Nocentini, S. 3982
Noda, C. 6909
Noga, L. G. 6755
Nogueira, J. C. B. 1698, 1711, 1751, 1966
Noh, E. R. 7538
Noirfalise, A. 1514, 3923
Nokoe, S. 1825
Nolthenius, C. T. 2326, 2327
Nömmik, H. 866, 3372
Nomura, K. 1484
Noon, B. R. 3769
Norberg, E. A. 2869
Norcross, E. 632
Nordén, B. 2230
Nordin, V. J. 4929
Norén, B. 5937, 5953
Norick, N. X. 2550
Norin, T. 4576
Norman, C. M. 7219
Normandin, D. 3262
Norokorpi, Y. 509
Norris, D. M. 3720
Norris, L. A. 5893
Nortcliff, S. 3807
Norton, B. E. 6712
Norton, G. A. 6105
Norton, S. E. 2597
Norway, Landbruksdepartementet 232
Norway, Nordiska Skogsarbetsstudiernas Råd 3175
Norway, Nordiske Skogplanteskoler 3365
Noste, N. V. 230
Nota, E. 3234
Notario, A. 4538
Novik, S. N. 4496
Novikova, A. A. 6779
Novo, F. G. 927
Novogorodova, G. G. 6702, 6703, 6704
Novogorodova, T. I. 4213
Novoselov, V. V. 524
Nowak, W. 6274
Nozdrenko, Ya. V. 3392
Nukhimovskiĭ, E. L. 6635
Numata, M. 6109
Nunnally, L. B. 536
Nussbaum, R. A. 6172
Nüsslein, F. 4963
Nutt, M. 1630
Nutter, W. L. 3881, 6552
Nykvist, N. 863, 5543
Nyland, R. D. 873
Nyman, B. 1426
Nyman, S. A. 970
Nys, C. 2350, 4262
Nyyssönen, A. 1826, 5342
Oak, S. W. 4467, 4480, 6896
Oblivin, A. N. 4918
Obminski, Z. 5057
Obydennikov, V. I. 7430
O'Carroll, N. 1769
Ochi, K. 4587
O'Connell, A. M. 5908
O'Connor, E. 1143
Oda, K. 1439, 4579, 4580
Odam, E. M. 1584
Odebrecht, S. 6047
Odendaal, P. B. 2589
Odeyinde, M. A. 4449
Odingo, R. S. 4632, 4633, 4634
Odnoralov, V. S. 727
O'Driscoll, J. 1690
Odukwe, D. O. 4447
Odum, H. T. 6554
Oehlschlager, A. C. 6270
Oertli, J. J. 1898, 1899, 2834
Oester, P. T. 4561
Ogane, E. 3180
Ogasawara, H. 5076
Ogawa, H. 16, 30
Ogawa, H. Y. 1869
Ogawa, M. 3678, 3680, 5417, 5927
Ogden, J. 223, 294
Oger, R. 266
Ogievskiĭ, D. V. 675
Ogievskiĭ, V. V. 675
Ogiyama, K. 472
Ogner, G. 2649
Ogolevets, I. V. 6053
Oh, K. I. 1294
Ohara, H. 3678
Ohashi, H. 2971
O'Hearn, S. E. 1744
Ohenoja, E. 5227
Ohiagu, C. E. 2066
Ohlander, C. 5829
Ohler, J. G. 2314, 4138
Ohlsson, B. 5131, 5132
Ohmart, C. P. 5977
Ohngemach, D. 6812
Ohta, S. 1895
Ohtani, J. 2896
Oikawa, N. 5959
Oikawa, T. 472
Okafor, J. C. 2760
Oke, J. B. 154
Okhotnikov, V. I. 2096
Okoro, O. O. 135, 1717, 2693, 2928, 4454
Okrostsvaridze, T. D. 6029
Okstad, T. 270
Oku, H. 1570
Okulova, N. M. 4582
Olberg-Kallfass, R. 2735
Olberg, R. 2735
Old, K. M. 3688, 3694
Oldeman, R. A. A. 4307, 5438, 6416, 6807
Oldenkamp, L. 78
Ole Meiludie, R. E. L. 3453, 5746
Oleĭnik, N. A. 788
Olembo, R. J. 5413
Olembo, T. W. 1531
Olenin, S. M. 4719
Olexa, M. T. 3704
Oliĭnik, V. S. 3811, 6374
Olisaev, V. A. 715
Oliveira Neto, O. J. 4739
Oliver, C. D. 5906, 7336
Olmsted, C. E. 7670
Olofsson, L. 670
O'Loughlin, C. L. 566
O'Loughlin, K. M. 7077
Olsen, D. T. 7241
Ol'shvang, V. N. 2109
Olson, J. E. 6372
Olsson, H. 2990
Olsson, M. T. 1136
Olsthoorn, A. 6802
Olsvig, L. S. 2991
Oltman, J. L. 7727
Omernik, J. M. 6392
Omi, P. N. 941, 4296, 4666
Omnes, H. 3453
Omokaro, D. N. 4454
Omolodun, N. O. 4459
O'Neill, G. M. 5508
Ongoma, A. 4634
Oohata, S. 4315
Oosterbaan, A. 2292
Opem, M. 2649
Openshaw, K. 4223, 4674
Opie, J. E. 2414, 2770, 2789, 5687, 5823
Opritova, R. V. 4641
Öquist, G. 398, 399, 1951, 1952
Orallo, C. A. 4050
Orchard, R. D. 4595
Orekhov, D. A. 6189
Orel, G. M. 7698
Oreshkin, N. G. 6700
Organisation for Economic Co-operation and Development 2616
Örlander, G. 1471
Orlenko, E. G. 1076, 2243
Orlov, S. F. 2756
Orlova, T. K. 6219
Orlovskaya, E. V. 6294
Orlovskiĭ, G. M. 4250
Orme, R. K. 164
Ormrod, D. J. 3030
Orna R., R. 4675
Orozco Jaramillo, C. 48
Orpurt, P. A. 2641
Orr-Ewing, A. L. 3012, 3659
Orr, R. L. 7658
Orrom, M. H. 4887
Orsini-Rosenberg, H. 5316
Örtli, J. J. 6724
Ortuño Medina, F. 5470
Orwin, J. 6361
Osara, N. A. 4738
Oseni, A. M. 5011
O'Shaughnessy, P. J. 6391, 7690
Osipenko, G. S. 7364
Öskog, A. E. 306
Osonubi, O. 5929
Osorio O., M. 58
Ostashev, N. T. 674
Ostermeier, D. M. 5553
Ostheimer, J. M. 1235
Ostler, W. K. 6120
Ostrofsky, A. 4484
Ostroumov, E. M. 4250
Ostry, M. E. 1103, 4485, 4490, 6199
O'Sullivan, P. 4279
Oswald, E. T. 6399
Oswald, H. 3196, 7239, 7242, 7261, 7272
Otomo, R. 3545
Otoul, C. 5820
Ott, E. 3190, 5750, 5815
Ottestad, P. 3860
Ottorini, J. M. 4120, 7271
Otvos, I. S. 4530
Oultremont, C. E. D' 4106
Ourisson, G. 7452
Overend, M. 826, 6590
Overton, W. S. 6387
Owens, J. N. 1026, 2921, 6786
Owino, F. 161, 3329
Owston, P. W. 2876
Oxtoby, L. D. 2334
Oza, G. M. 7025
Ozawa, T. 3748
Ozenda, P. 995, 6804
Ozolin, G. P. 122, 3816
Ozoliņš, R. 4164
Ozolin'sh, I. P. 779
P., G. 3143
Paakkanen, J. 1927
Paasivirta, L. 1901
Paavilainen, E. 209, 210, 868, 3388, 4042
Pacher, J. 5528
Paci, M. 1071
Padalko, V. V. 7172
Padiĭ, N. N. 7489
Padilha, M. R. da S. 426
Padua, L. S. de 4153
Pagan, J. 2430
Page, C. N. 4405
Page, I. 4086
Paijmans, K. 2981
Paille, G. 2666
Painter, M. F. 5421
Päivänen, J. 3422, 3868
Pakhuchiĭ, V. V. 854
Palacios Chávez, R. 6810, 6811
Palacios, F. 2126
Palanaswamy, P. 4546
Palaniyandi, R. 599
Palashev, I. 2802, 6020, 7408
Palicot, B. 1778, 2758
Pallardy, S. G. 6152, 6867
Palm, A. W. 1626
Palm, R. 3470
Palmberg, C. 165
Palmberg, C. M. 161, 1019, 6831
Palmer, E. 992
Palmer, E. R. 5375, 6141
Palmer, J. G., Jr. 4486
Palmer, J. G., Sr. 4486
Palmer, M. A. 4487, 4488
Palmer, V. C. 1749
Palo, M. 1403
Palosuo, V. J. 5298
Pameron, F. P. 3122
Pammenter, N. W. 3648
Panagopoulos, C. G. 4516, 6206
Panasiti, A. 5386
Panchal, Y. C. 227
Pancho, J. V. 4153
Panconesi, A. 3229
Pande, P. 6741
Pandev, S. 6715
Pannier, F. 6822
Panova, N. K. 3245
Pant, M. M. 4672, 5101, 5112, 5587
Pant, S. P. 4148
Pántos-Derimova, T. 3560
Paolini, J. 2390
Papanastasis, V. P. 951
Papdiwal, P. B. 3708, 6207
Papp, L. 719
Papp, R. P. 497
Parakkasi, A. 5229
Parameswaran, N. 847, 1444, 6028, 6912, 7454
Paramonov, E. G. 7212
Paratesi, S. G. De 825
Pardo Tejada, E. 5237
Pardy, K. E. 1549
Paré, G. 4304
Parent, F. 4214
Parent, G. 2330
Parer, I. 3776
Parham, R. A. 2853
Paribotro 5369
Paris, A. 3261
Park, C. C. 5851
Park, K. S. 1271
Parker, B. L. 6305
Parker, B. S. 3783
Parker, E. J. 2045, 4512, 5231, 6237
Parker, H. D. 7072
Parker, J. 974, 3382
Parker, J. C. 3854
Parker, M. L. 7513
Parkes, J. 556
Parkhurst, Z. 7045, 7046
Parkinson, D. 6873
Parmar, Y. S. 5235
Parmeter, J. R., Jr. 900
Parolin, R. W. 5780
Parrish, J. D. 2597
Parrott, H. A. 6555
Parry, W. H. 527, 1551, 4539, 6235, 6236, 6943, 6944
Parshevnikov, A. L. 714
Parsons, D. J. 913, 5992, 5997
Parsons, L. R. 593, 602
Parthasarathi, K. 3062, 4517, 4521
Parthasarthy, V. 6648
Partridge, A. D. 479, 3698
Parvez, M. 3342
Parviainen, J. 4073
Pasca, T. M. 437, 6727
Pascual, F. P. 4628
Pase, C. P. 6753
Passera, N. 5971
Pasternak, P. S. 5824, 6543
Paszek, E. C. 552
Pásztor, Y. P. de C. 169, 170, 177, 1701, 1711, 3311
Patalas, Z. 6513
Pate, W. 4471
Paterson, I. S. 7424
Patey, R. C. 7739
Pathak, T. C. 6741
Pätiälä, R. V. 1927
Paton, T. R. 2393
Pătrăşcoiu, N. 6696
Patric, J. H. 4635
Patrick, K. L. 2022
Patrone, G. 271, 272, 273, 274, 298, 7334
Patronov, D. 2838
Patton, D. R. 7662
Patton, R. F. 496
Paul, J. 599
Paul, R. 2409, 7009
Paula, J. E. de 372, 373
Paula Neto, F. de 797
Paule, L. 6851
Pauline, O. J. L. 4270
Pauliukevičius, G. 4663
Paulyukyavichyus, G. 4663
Păunescu, C. 6696
Pavari, A. 6396
Paves, H. 690
Paves, Kh. K. 690

Pavlinov, N. P. 7164
Pavlov, D. 7708
Pavlov, M. B. 7050
Pavlov, N. V. 822
Pavlova, I. E. 2907, 6057
Pavlova, T. S. 6702, 6703, 6704
Payandeh, B. 5763, 7330
Payne, B. R. 5432, 5848
Payne, J. B. 2583
Payne, T. L. 2552, 6280
Paz Gonzalez, A. 7687
Peacock, J. W. 4553, 4555
Pearce, A. J. 566, 7689
Pearce, M. L. 2355
Pearce, N. J. 6161
Pearse, P. H. 2661
Pearse, R. J. 3789
Pearson, C. J. 6714
Pearson, R. C. 7586
Pederick, L. A. 2682, 3019, 4848, 5365, 6153, 6831
Pedreira, A. R. 2087
Pedrotti, D. 6773
Peek, J. M. 4400
Peeters, J. P. 3376, 5435
Pegg, R. E. 2385
Peirse, H. B. 4749
Pelfort Batalla, J. 5350
Pelham, J. 478, 2495
Pellett, H. 600
Pellett, N. E. 5622
Pellico Netto, S. 5353
Pelton, N. R. 2880
Pelz, D. R. 631, 4202, 5582, 6675
Pelzman, R. J. 2138
Peña, A. 5307
Peñafiel, S. R. 2841, 3401, 4023, 4300, 7022
Penalva Rodriguez, F. 233
Pendrel, B. A. 1577
Penistan, M. J. 3922
Penzona, M. 2567
Pepper, H. W. 741, 1584, 3409
Perala, D. A. 345
Peralta P., M. 4653, 5919
Perdue, G. P. 1347
Pereda, J. 4984
Peredo, H. 52
Peredo, L., H. 58
Peregrino, D. I. 6534
Perera, W. R. H. 4637, 5537
Perino, J. M. 4124
Perkins, C. J. 554
Perla, R. I. 7695
Perliński, S. 6210
Perlwitz, W. 4155, 6637
Perrier, A. 5943, 5950
Perrin, R. 2045, 2046, 3058, 3619, 4497, 7245, 7280, 7566
Perrot, J. P. 2535, 3088
Perry, C. 3408
Perry, D. A. 3869, 5357
Perry, J. P., Jr. 1500
Perry, K. M. 4264
Persson, A. 886, 2728
Persson, P. 1734, 2885
Persson, R. 641, 652, 656, 5337
Persson, S. 5640
Persson, T. 1274
Perttu, K. 5936, 5941, 5953
Peru, Oficina Nacional de Evaluación de Recursos Naturales 97, 573
Perusquia O., J. 3726
Perveen, S. 1888, 1889, 2402
Peryshkina, G. I. 4132
Peshko, V. S. 3474
Peshkova, N. V. 1971
Pesson, P. 7101
Pesu, J. 1787
Petäistö, R. L. 537
Peter, J. K. 2953, 4849
Peterken, G. F. 2167, 3835
Peterman, R. M. 3239
Petermann, R. M. 1196
Peters N., R. 6645
Peters, R. 6609
Peterson, D. L. 3516
Peterson, G. W. 4484
Peterson, J. L. 3031
Peterson, O. A. 1348, 5802
Peterson, R. L. 4612
Peterson, R. M. 5335
Petit, H. 251
Petkov, P. 4249
Petkov, P. B. 5914
Petrenko, E. S. 2672
Petrenko, I. A. 2819
Petrini, O. 1535
Petroff, G. 3912
Petrolini, B. 3228
Petrov, A. P. 830
Petrov, M. 2685, 4119
Petrovskiĭ, V. S. 1338, 4127
Petsch, G. 5978
Pettersen, H. 1565, 1566
Pettersson, F. 306
Pettersson, S. 969
Peyre, C. 2801
Pezdirc, N. 5740
Pfeffer, A. 4564
Pfister, F. 7063
Pfister, R. D. 7071
Pflieger, W. L. 1589
Pfyffer, B. 5533
Pham, C. H. 1478
Pham-Nguyen, T. 7411
Phares, R. E. 812, 4328, 5440
Phelps, J. 2856
Phelps, J. E. 4331
Phengklai, C. 5238
Philip, M. S. 1771, 2348, 2356, 3480
Philippart, J. C. 559
Philippis, A. de 322
Philips, W. E. 3892
Phillippe, L. R. 6117
Phillippe, P. E. 6117
Phillips, C. B. 931
Phillips, D. H. 3067
Phillipson, J. 5924, 6287, 6289
Philpot, C. W. 895
Phipps, J. A. 2171
Piatek, B. 7634
Picard, J. F. 2340, 2462, 7258
Picornell, P. M. 5289
Picron, G. 7236
Piearce, G. D. 3348
Piël, C. 82
Pienaar, L. V. 1821
Piene, H. 237
Pieniazek, J. 2856, 4331
Pieper, G. R. 2102
Piepponen, S. 1927
Pierce, H. D., Jr. 6270
Pierce, R. S. 6557
Pieronek, B. 4574
Pierovich, J. M. 5085
Piesch, R. F. 1529
Pieters, J. J. L. 5277
Pietiläinen, P. 6573
Piggins, D. J. 3801
Pignatti, E. 1962
Pignatti, S. 1962
Piigli, L. E. 4064
Pikk, J. 211
Pilon, J. G. 4253
Pimental, D. 6516
Pimm, R. M. 6428
Pinerd, G. 654
Piñero, D. 6806
Pinheiro, G. de S. 3547
Pinon, J. 1089, 1106, 6910
Pinto, J. E., Jr. 4008, 4010
Piot, J. 685, 6588, 6589
Piou, D. 2497
Pirâgs, D. 5378
Pires, C. L. da 3656
Pires, C. L. da S. 1700, 3327
Pirie, N. W. 1793
Pirttilä, V. 1517
Pîrvu, E. 2826
Pisani, J. F. 1024
Pisarenko, A. I. 736, 1728
Pishchik, A. A. 3096
Pisică, C. 7016
Piskun, A. T. 6644
Piskunov, L. I. 6743
Pis'mennyĭ, N. P. 1327
Pis'merov, A. V. 277
Pis'merova, R. S. 277
Pisot, J. 5971
Pitel, J. A. 6127
Pitter, J. A. 3801
Pizelle, G. 486
Pizetti, M. 3633
Pkhalagov, I. M. 1307
Place, I. C. M. 5562
Plamondon, A. P. 329, 2704
Platen, J. von 326
Plavinet, P. 3261
Pless, C. D. 4543
Plimmer, J. R. 551, 552
Plochmann, R. 1207, 3845, 5027
Ploeg, R. R. van der 6385
Ploetz, R. C. 2499
Plomber, L. 197
Ploshchakova, L. 6133
Plotnikov, V. V. 3249, 4239
Plotnikova, T. S. 1544, 6195
Plowright, R. C. 1577
Plucknett, D. L. 4938
Plumb, T. R. 229, 7274
Plummer, A. P. 412, 4603
Plumptre, R. A. 71, 358, 4105
Plutov, V. I. 4298
Pobedinskiĭ, A. V. 3965
Pocknall, D. T. 4375
Podani, J. 4394
Podger, F. D. 3690
Podgornyi, Yu. K. 1262
Poduje, L. 4784
Poel, A. J. van der 3184
Pofahl, U. 4159, 6467
Poggenpoel, P. V. 2248
Poggiani, F. 4660
Pohlmann, A. 7728
Poinsot-Balaguer, N. 2821
Poissonnier, M. 2252
Polak, D. J. 7277
Polayes, J. R. 7079
Poleshchuk, Yu. M. 4500
Polge, H. 2418
Polishchuk, L. P. 7503
Pollanschütz, J. 112, 5857
Pollard, D. F. W. 1281, 1666, 1727, 6445
Pollisco, F. S. 5209
Pollock, W. H. 2845
Polo, A. 3532
Polo Alberti, L. 2980
Polovnikov, L. I. 3474
Polozhentsev, P. A. 523
Polozova, L. Ya. 1983
Poluparnev, Yu. I. 7207, 7296
Polyakov, V. A. 7429
Polyakova, G. A. 3157
Pomaznyuk, V. A. 1288
Pomazovskaya, I. V. 6738
Pomber, L. A. 2579
Poncet, A. 3851
Ponder, F., Jr. 2933
Pong, T. Y. 3637
Ponge, J. F. 7104, 7105, 7457
Pontailler, J. Y. 7250
Ponticelli, P. 2190
Pontivy, G. R. de 6259
Pook, E. W. 4066
Pool, D. J. 4179
Poole, D. A. 4939
Poole, D. K. 343
Poole, H. A. 2274
Poole, W. E. 3130, 3794
Poore, D. 7715
Poore, M. E. D. 4691
Popa, A. 2826
Pope, D. N. 1563
Pope, P. E. 3375
Popescu, G. 1035
Popham, T. W. 5814
Popiołek, Z. 6126
Pople, M. 2086, 2094
Popov, A. N. 2757
Popov, K. P. 1992
Popov, P. P. 1705
Popov, V. K. 963
Popov, V. P. 851
Popov, V. Ya. 4438
Popov, Yu. A. 3418
Popov, Yu. V. 7167, 7367
Popova, N. M. 963
Popova, O. S. 851
Popović, B. 875
Porch, T. E. 3548
Porter, J. F. 2739
Porter, L. D. 262
Porter, T. R. 3801
Porterfield, R. L. 449, 3744, 5151
Portlock, C. C. 7443
Porto, E. R. 7725
Portugal, Centro de Estudos Florestais, Universidades de Lisboa 1968
Poso, S. 312
Posse, R. M. 4800
Posselt, J. 1580, 3128
Post, D. M. 5500
Postel, U. 7003
Postgate, J. R. 487
Potgieter, H. J. 101
Potter, D. N. 2169
Potter, M. W. 891, 932, 4295
Potts, M. J. 5854
Poulin, H. 4304
Poulin, J. N. 2665
Poulsen, G. 1209
Poulson G. 3143
Poupon, H. 1815
Pourtet, J. 2969, 2970
Povey, W. A. 3583
Powell, G. R. 2932
Powell, J. 4606
Powell, J. A. 6967
Powell, J. C. 6608
Powell, J. M. 1881, 2379, 5852
Powell, W. 535, 6235
Power, G. 1593
Powers, H. R., Jr. 513, 2051
Poynton, R. J. 771, 2146, 2240
Pozyvaĭlo, Yu. N. 5841
Praag, H. J. van 2184
Prabhakar Shetty 227
Prado Donoso, J. A. 2729, 3324, 3413, 5696, 5697
Prance, G. T. 4356, 4461
Prasad, R. 197, 2579, 2955
Pratap Singh 4594
Pratesi, F. 5436
Pratt, J. E. 2033, 2034, 6183
Pravdin, L. F. 1983, 7515
Prawira, S. A. 3628, 3717
Predescu, G. 5046
Preece, T. F. 1108, 1109, 1110, 3069
Preest, D. S. 1302, 5735
Prego, A. J. 4801
Preisig, C. L. 2875
Prell, H. 6284
Prenzel, J. 3566
Preto, G. 316
Prevosto, M. 2751, 5265
Price, M. V. 6350
Price, R. I. 2177
Pridnya, M. V. 6159
Priesner, E. 2539
Priest, R. M. 6389
Priester, D. S. 5922
Prieto, R. 5493
Prilepo, B. N. 7356
Pritchett, W. C. 5885
Pritchett, W. L. 332
Proctor, J. 2397
Profumo, P. 4329
Progunkov, V. V. 3515, 6633
Prokazin, A. E. 1978
Prokazina, T. P. 1978
Prokhorov, V. M. 3565
Prokhorov, V. P. 4338
Prokosheva, L. I. 6631
Proll, E. 4518, 4519
Promnitz, L. C. 2875
Proni, G. 2751
Pronos, J. 496
Proshin, N. S. 1747
Prossinagg, H. 2564
Proth, J. 338
Prudov, B. N. 7214
Prus-Głowacki, W. 3658
Pruvost, P. 4753
Pryazhnikova, L. P. 1165
Pryor, L. D. 445, 3217, 6158
Psallidas, P. G. 4516, 6206
Pschorn-Walcher, H. 6293
Puerto Rico, Institute of Tropical Forestry 6474
Puff, C. 955

Pugach, E. A. 6138
Puglisi, S. 7693
Pulford, I. D. 6708
Pulinets, M. P. 4080
Pulley, P. 4525
Pulley, P. E. 1563
Puls, J. 5225
Pundir, Y. P. S. 6764
Puntusova, E. G. 6044
Puppi, G. 3621
Purdy, I. 3854
Purkayastha, B. K. 2331
Puro, T. 7193
Purohit, S. D. 7021
Purrini, K. 539, 1573
Pusey, P. L. 1998
Putnam, T. B. 7638
Putz, F. E. 1606
Puzanova, T. A. 4165
Pyatt, D. G. 3882, 6718
Pye, A. E. 2573, 2574
Pyle, R. M. 4698
Quaroni, S. 3228
Queck, L. 6622
Querini, R. 5121
Questienne, P. 6213
Quézel, P. 4421, 6099, 6100, 6101, 7107
Quijada, M. 2244
Quillet, G. 688
Quiniones, S. S. 4499
Quintão, A. I. B. 7725
Quintilio, D. 5994
Quinton, D. A. 4627
Quirk, J. T. 2854
Quraishi, M. A. 1888, 1889, 2402
Raabe, R. D. 500
Rachoy, W. 6660
Rackham, O. 2151
Rada, R. de 4888
Raddi, P. 1023, 1062, 2052
Räder-Roitzsch, J. E. 1207
Radford, M. J. 3029
Radkov, D. 3824
Radosevich, S. R. 936, 2295
Rådström, L. 317, 6692
Radvanyi, A. 5620, 6318
Radvanyi, J. 2611
Radwan, M. A. 6325
Răescu, V. 7517
Raevskikh, V. M. 2848
Rafailov, G. 2748, 2905, 3404
Ragazzi, A. 330, 1105
Rahman, A. 2975
Rai, S. N. 1800, 4168
Raid, L. 570
Rainey, R. C. 2528
Raisanen, R. A. 3802
Raison, R. J. 4301
Raitanen, W. E. 5214
Raitio, H. 403, 870
Rajamannar, A. 7393
Rajashekar, C. 603
Rajkhowa, S. 4876
Rajpurohit, K. S. 6817
Raju, P. S. 6913
Rakhmanov, V. V. 4641
Rakhov, V. A. 1145
Rakhtseenka, I. N. 240
Rakotomanampison, A. 6606
Ralston, C. W. 5804, 5879
Ralston, S. 7060
Ram, M. 2331
Raman, S. 2568
Ramanauskas, R. P. 1337
Ramaswami, P. P. 7393
Ramawat, K. G. 7021
Rambier, A. 545
Ramdial, B. S. 3813
Ramires, H. 2963
Ramirez, M. 7410
Ramirez, M. A. 5796
Ramírez Q., O. 4067
Ramirez S., J. 2560
Ramos Zamora, D. 7472
Ramsay, K. J. 6511
Ramsay, W. 3914
Ramsden, B. 1346
Rancillac, M. 5647
Randall, A. P. 3084
Randers, J. 1239, 5140
Rangaswamy, C. R. 3062, 4517
Ranger, G. E. 7697
Rantala, E. M. 403
Ranzani, G. 5920
Rao, B. K. S. 3589
Rao, B. S. S. 1454
Rao, C. K. 5410
Rao, G. S. K. 6774
Rao, R. V. 1454
Rapera, R. B. 6733
Rapetti, S. 3233
Raphael, M. 6000
Rapp, M. 5966
Räsänen, P. K. 1953
Rashal', I. D. 3662
Rasmuson, M. 2998
Rasmussen, W. O. 10
Raspopov, P. M. 3255
Ratas, R. 1909
Ratcliff, D. 187
Rathakette, P. 1480
Rathore, N. S. 2065
Rathwell, R. K. 1464
Rattan, S. S. 2026
Rauch, P. A. 6277
Raulo, J. 217, 793, 1052, 1928
Raulston, J. C. 604
Raunio, A. L. 4006, 4009, 4092
Rauscher, H. M. 811
Rauter, R. M. 5312, 7516
Rawling, K. L. 5416
Ray, G. A. 5860
Rayner, A. D. M. 1078
Raza-ul-Haq 3818
Razin, G. S. 265, 1382
Razumov, V. P. 2203
Rea, J. C. 6924
Rea, K. H. 5874
Read, D. J. 5701
Read, R. A. 2434
Rebane, H. 221
Recchia, C. 1778
Rechan, S. P. 3625
Recher, H. F. 5444
Rectenwald, H. 7049
Reddick, B. B. 1546
Reddy, M. 5543
Reddy, M. V. 4537
Redenbaugh, M. K. 461
Redhead, J. F. 4926
Red'ko, G. I. 1291
Redmann, R. E. 2812
Reece, N. 7062
Reed, C. 6404, 6405, 6406, 6407
Reed, E. B. 6408
Reed, L. 1875
Reed, L. W. 6408
Reenen, M. S. van 7131
Reese, J. 3709
Reeves, F. B. 6879
Regalado, P. 7718
Regnander, J. 1136
Regulski, F. J., Jr. 3031
Rehfeldt, G. E. 1981
Rehfuess, K. E. 3193
Rehman, S. 2609
Reicher, F. 6047
Reid, C. P. P. 1947, 4571
Reilly, J. J. 4847
Reilly, K. 708, 7184
Reilly, K. J. 2691
Reinhold, A. 1634
Reininger, H. 2351
Reisinger, O. 7103
Remröd, J. 693
Rendón, D. V. 3950, 6410
Rennes, A. M. D. 6389
Rennie, P. J. 4856, 5868
Rennolls, K. 2369
Rensburg, A. D. van 567, 2277
Renwick, J. A. A. 3737, 6268
Renzoni, M. 954
Repshas, E. 1179
Repyakh, S. M. 4320
Reti, I. 3211
Retnakaran, A. 2070
Reukema, D. L. 297
Reulecke, T. 2541
Révolon, C. 1119, 1120
Reymers, A. 7003
Reynecke, P. C. 2275
Reynolds, E. R. C. 1935, 3915, 4713
Reynolds, J. W. 1583
Reznikov, V. P. 1369
Rhodes, D. 2016
Rhomberg, L. 6941
Riabinin, S. 6026
Rial Alberti, F. 4801
Ribe, J. H. 310
Ribeiro, M. de N. G. 7383
Rice, J. 6349
Rice, R. M. 5184, 7692
Rich, F. J. 4374
Richard, F. 3522
Richard, J. F. 1430
Richard, Y. 4191
Richards, B. N. 7401
Richards, I. 2155
Richards, P. W. 12
Richardson, D. 1868
Richardson, K. F. 6653
Richardson, S. D. 668, 4955, 5320
Richardson, W. G. 5716, 5719
Richenderfer, J. L. 6560, 6561
Richerson, J. V. 2552
Richmond, C. E. 1578
Richmond, J. A. 2951
Richmond, P. C. 5955
Richter, H. V. 3207
Richter, J. 4518, 4519
Ricse, A. 3997
Ricse T., A. 4026
Riddle, J. 6740
Riddle, J. R. 579
Ridé, M. 7539
Rider, E. J. 131
Ridings, W. H. 3056
Ridley, R. E. 5714
Riedacker, A. 2266, 2889, 4802, 6540, 6541, 7282, 7284
Riekerk, H. 6549
Rietveld, W. J. 2938, 4053, 4328
Riffle, J. W. 7569
Riihinen, P. 5141
Rijksen, H. D. 6348
Rijsdijk, J. F. 1803
Rikala, R. 3393
Rim, Y. D. 7319
Rimando, E. F. 3417, 4030
Rinallo, C. 705
Rinehart, R. P. 6682
Rink, G. 697
Rio, E. del 328
Riom, J. 6238
Riordan, C. 7062
Riov, J. 613
Ripa, A. K. 4134
Riquelme Plaza, R. 3440
Ris, H. 5584
Rischbieter, N. O. 2879
Rishbeth, J. 3714
Riska, B. 6941
Risley, J. H. 7608
Risse, P. 3042, 3043
Risser, P. G. 7070
Ritcey, D. E. 6582
Ritcey, R. 6308
Ritson, P. 1150
Ritter, G. 2023, 2602
Ritzler, H. 3921, 4711
Rivard, G. 553
Riveros, M. 7389
Rivière, A. C. la 2359
Robak, H. 1724
Robbins, C. S. 3773
Roberds, J. H. 536
Roberge, M. R. 5765
Robert, A. 6051
Roberts, A. N. 7121
Roberts, A. R. 1406
Roberts, B. A. 1555
Roberts, B. R. 4093
Roberts, H. 2084, 5115
Roberts, H. B. 7663
Roberts, R. D. 6091
Roberts, S. W. 4257
Robertson, A. 3107
Robertson, J. A. 239
Robertson, J. L. 6948, 6949
Robertson, J. M. S. 923
Robertson, J. S. 6301
Robertson, P. A. 6118
Robie, E. F. 5592
Robinson, J. D. 5707
Robinson, J. F. 3325
Robinson, N. H. 1604
Robinson, P. R. 2133
Robinson, V. L. 1865, 6495
Robinson, W. S. 3114, 3115
Robitaille, L. 5768, 7260
Röbrig, E. 1253
Rocha, J. S. M. da 4208
Roche, L. 2182, 5466, 6429
Rochelle, J. A. 3883
Rochmini, M. 2237
Rock, B. N. 2858
Rockell, A. L. 3224, 5341
Roden, D. B. 1562
Rodin, A. R. 4081
Rodin, L. E. 1820
Rodrigues, W. A. 7491
Rodriguez-Barrueco, C. 487, 489, 3024, 3673
Rodríguez García, M. 4908
Rodríguez Peña, M. A. 5795
Roe, M. 6323
Roeder, A. 3979
Roeder, K. R. 1977
Roelofs, W. L. 6239
Roelofsen, W. 492, 3681
Rogers, A. 1590
Rogers, D. J. 3179
Rogers, E. V. 5709
Rogers, M. T. 7706
Rogers, R. 1355
Rogers, R. W. 7506
Rogister, J. E. 2478, 2479
Rogozin, M. V. 1258
Rohan-Jones, W. 5444
Röhrig, E. 118, 3316, 3320, 3996, 4110, 7270
Rohrmann, G. F. 6958
Rohwer, G. G. 3066
Roisin, P. 2635, 6521
Rojas, P. 3149, 3150
Rojas Valero, E. 4775
Rojo, J. P. 4351, 6790
Rok"yanis, B. 4182, 4183
Rolfe, G. L. 3516
Roll-Hansen, F. 2032, 3667, 4502
Roll-Hansen, H. 2032, 3667
Rollet, B. 2981
Romaine, M. J. 4942, 7075
Romaneix, C. 560
Romanov, E. M. 1283, 4344
Romashov, N. V. 5824, 7429
Romberger, J. A. 1950
Romero, R. R. 5066
Romisondo, P. 6023
Rommetveit, M. 1
Ronchetti, G. 3546
Rondeux, J. 269, 2335, 2337, 2343, 4097, 4154, 5831
Rondilla, C. S. 3559
Ronkov, B. 2904
Rook, D. A. 836, 5957
Roonwal, M. L. 3731, 6231, 6985
Roose, E. 871
Roose, E. J. 2392
Roper, F. 663
Roques, A. 6745
Roques, P. 247
Roriz, M. de S. 4660
Rorres, C. 7139
Rorslett, B. 6094
Rosa Gallego, A. de la 5160
Rosayro, R. A. de 5047
Rose, C. I. 2128
Rose, D. W. 5847
Rosenau, H. G. 6682
Rosenberg, C. 2298
Rosenberg, C. R. 3582
Rosenberg, N. J. 5942
Rosenthal, H. 3803
Roshchin, N. T. 7059
Rôsinha, A. J. 4621
Roskam, J. C. 7011
Rosnev, B. 6201
Rosochacka, J. 6885, 7567

Ross, D. A. 6243
Ross, E. W. 3953
Ross, J. H. 7501
Ross, M. R. 418
Ross, S. D. 1029
Ross, V. 2897
Rossi, M. G. C. 3727
Rossi Marcelli, A. 6654, 6655
Rossi, S. 649
Rossi, W. 3727
Rost, T. L. 1346, 2437
Rostovtsev, S. A. 7515, 7625
Roşu, C. 6696
Roth, C. 5769
Roth, L. F. 1095, 3697
Roth, P. L. 6568, 6569
Rothwell, R. L. 3814
Roua, C. 5283
Rouland, H. 7516
Roulund, H. 2683, 4440, 5638, 7516
Roush, C. F. 3114, 3116, 3117
Roussel 4233
Roussel, L. 4233, 7467
Rout, A. F. 1325
Roux, J. le 6650
Roux, P. J. le 1505
Row, C. 632, 5052, 5846
Rowan, A. A. 842
Rowan, S. J. 1111
Rowe, J. J. 6343, 6347
Rowe, L. K. 566
Rowell, C. E. 3744
Rowell, M. N. 3593
Roxas, S. K. 5087
Roy, J. Le 3261
Royama, T. 1554
Rozados, J. J. 4773, 4776
Rozēns, A. 4314
Rozhdestvenskiĭ, S. G. 3492
Rozhkov, L. N. 1618
Rozsnyay, Z. 95, 1184, 2193, 2651, 3849, 3990, 6500
Ruan Ruan, F. 5013, 5067
Ruberte, R. M. 2321, 3463
Rubingh, J. L. 7723
Rubtsov, M. V. 4643
Rubtsov, V. G. 3419
Rubtsov, V. I. 1069
Rubtsova, N. N. 6248
Rudakov, V. E. 5932
Rudd, V. E. 6797
Rudenko, A. V. 4129
Rudin, D. 1044, 1491
Rudinsky, J. A. 4561, 6260, 6264, 7638
Rudloff, E. von 1057
Rudnyanskaya, E. I. 5787
Rudolph, V. J. 4601, 5886, 6496
Rudra, A. B. 3165
Rüedi, K. 6329
Ruef, A. 5842
Ruehle, J. L. 6536
Ruelle, P. 7014, 7015
Ruggiero, R. A. 4801
Ruiz-Zorrilla, P. 218
Rukuba, M. L. S. B. 4919
Rule, L. C. 5313
Rumphorst, H. 7645
Rumyantsev, G. T. 1277
Rundel, P. W. 904, 4260, 4303
Running, S. W. 5954
Runyon, G. K. 260
Ruokonen, M. 5512
Rupp, C. W. 3757
Rusalenko, A. I. 7415
Rusanov, Ya. S. 7676
Rushforth, K. D. 2038, 6018
Rushton, B. S. 1958
Rusk, G. D. 252
Ruskov, M. 2657
Russel, B. P. 6687, 6688
Russell, I. L. 3151
Russell, L. R. 7041
Russell, R. H. 3793
Russo, C. 5103
Russo, F. 880
Russo, F. B. 4469
Rustagi, K. P. 633
Ruth, D. S. 1263, 1265, 2072
Rutherford, M. C. 2469
Ruthven, A. D. 3109
Ruzicka, I. 2215
Ryabchinskiĭ, A. V. 773
Ryabchuk, V. P. 3457
Ryabitsev, V. K. 2109
Ryabokon', A. P. 1285, 5748
Ryabova, S. I. 3660
Ryapolov V. Ya. 6961
Ryazantseva, L. A. 6742
Rybalko, V. I. 740
Rybin, L. I. 7366
Rybníčková, E. 1507
Ryker, L. C. 4561, 6260
Rymer, L. 3259
Rysin, L. P. 1174
Ryu, J. B. 1025
Ryvarden, L. 6166
Ryzhkova, A. N. 6738
Rzedowski, G. C. de 3631
Rzedowski, J. 3631, 6810
Saadallah, J. 5405
Saarenmaa, H. 1117
Saarnio, R. 1928
Saban, B. A. 2157
Sabato, S. 4334
Sabhasri, S. 5538, 7721
Sabitov, R. Kh. 3253
Sabnis, S. D. 6634
Sabo, E. D. 3421
Sabol, K. 7024
Sacré, E. 4121, 6135
Sadikin, D. 3220
Sadowski, J. 3658
Saeman, J. F. 5506
Safarov, I. S. 739
Safo, E. Y. 2814
Sague Díaz, H. 5068
Sahel Weles 5407
Sahni, K. C. 4359
Sahota, T. S. 6974
Sahu, N. C. 3931
Sailer, E. 1669
Saint-Girons, H. 7115
St. John, T. 6170
St. John, T. V. 4303
Sainz Sanguino, L. 5062, 5261
Sajdak, R. L. 726
Sakai, A. 331, 3597
Sakai, W. S. 2442
Sakharov, V. M. 6300
Salama, H. S. 531, 532
Salas, G. de las 7340
Sałata, B. 6168
Salati, E. 7383
Salazar F., R. 45
Saleem, A. A. 2150
Saleem, K. M. 2332
Salem, B. B. 2873
Salikov, N. Ya. 1353
Salinas M., J. R. 3343
Salinas, P. J. 2210
Sallam, S. 200
Sallé, G. 1547
Salmen, L. 6404, 6405, 6406, 6407
Salmi, J. 268, 957, 958
Salmia, M. A. 970
Salmon, P. 5248
Salo, L. P. 1588
Salomonson, M. G. 5619
Salonius, P. O. 3364, 7403
Salsotto, A. 5345
Salwasser, H. 2114, 2115
Samarin, V. F. 7466
Samek, V. 4946
Samoshkin, E. N. 1976, 1982, 7524
Samset, I. 4723, 5333, 7143
Samsonova, L. P. 3403
Samsonova, V. P. 5921
Samuel, C. J. A. 1060, 1065, 5361
Samuelson, E. 4901
Samuelson, K. R. 7516
Samways, M. K. 5583
Sanada, M. 3545
Sanchez, H. V. 3948
Sánchez Muñoz, C. 5237
Sanchez Palomares, P. 5261
Sand, P. 1662
Sandahl, L. 5131
Sandermann, W. 5551
Sanders, C. J. 2542, 4542
Sanders, D. J. 7019
Sanderson, H. 5735
Sandor, J. A. 6462
Sands, R. 1418, 1419, 3428, 6598
Sandvik, M. 3369
Sang, T. 4671
Saniewski, M. 2856, 4331
Sankaran, T. 3862
Sannikov, S. N. 363, 6782
Sannikov, Yu. G. 4147, 7303
Sannikova, A. A. 7303
Santamour, F. S., Jr. 462
Santander, C. 5797
Santappa, M. 5410
Santos, A. 6376
Santos, H. M. 7383
Santos V., M. de los 5129
Sanz Diaz, F. 2828
Saplaco, M. R. 3281
Sapundzhieva, K. 1739
Sarakoski, M. L. 546
Saramäki, M. 264
Saraos, R. P. 6509
Sardinha, R. M. A. de 5988
Sareen, T. S. 6847
Sarkar, S. K. 2836, 2900, 2901, 5983
Särkkä, J. 1901
Sarna, R. P. 748, 750
Sarson, M. 5248
Sartolou, A. 4237
Sartwell, C. 4595
Sarukhán, J. 6806
Sarvas, J. 2186
Sasaya, T. 2903
Sassa, T. 3489
Sastrapradja, S. 5446
Satake, G. 5126
Sato, A. 1009, 1010, 1422, 3608, 4243, 4287
Sato, F. 6909
Sato, K. 1456
Sato, T. 3613
Satonaka, S. 3180
Satoo, T. 3489, 4274, 7322, 7490
Satterlund, D. R. 1837
Satyamurthi, K. R. 4204
Sauer, J. D. 937
Sauerwien, P. 4552
Saul, G. H. 7134
Saunders, J. C. 2803
Saunders, R. L. 3801
Sauvage, J. 425
Savchenko, A. G. 7442
Savchenko, A. I. 1076
Savidge, J. A. 5738
Savill, P. S. 415, 1691, 5334
Savin, E. N. 851, 3137
Savina, A. V. 737
Savinov, E. P. 816
Sav'yuk, V. E. 6543
Sawada, T. 3641
Sawyer, O. H. M. 6409
Saylor, L. C. 166
Scarabucci, R. R. 1869
Schaafsma, A. H. 4096
Schabel, H. G. 7656
Schaedle, M. 591
Schalk, G. 2711
Schalla, S. L. 7128
Schallau, C. 5146
Scharovskiĭ, V. A. 3461
Scharpf, R. F. 497, 520, 6922
Schauer, W. 3127
Schebitz 1768
Schedl, K. E. 6972
Scheele, G. 7423
Scheepers, J. C. 4422
Scheifele, M. 5162, 5525
Schelpe, E. A. 2457
Schenk, J. A. 6932
Schenker, R. 3987
Schickhardt K., R. 5614
Schier, G. A. 259
Schiess, P. 6548
Schiller, G. 6527
Schipper, A. L., Jr. 3617, 4487, 4488
Schlaegel, B. E. 345
Schlegel, F. 6578
Schlegel, F. M. 6827
Schlegel S., F. 4789
Schlesinger, R. C. 5756, 7255, 7277
Schmeling, W. K. v. 1667
Schmelzer, K. 4520
Schmid, A. 397
Schmidt, E. L. 2019
Schmidt, H. B. 4518
Schmidt, J. 5635
Schmidt, J. L. 6337
Schmidt, J. O. 2068
Schmidt, P. 856, 3557
Schmidt, R. A. 6200, 6375, 6899, 7555
Schmidt-Vogt, H. 1030, 3199, 7519
Schmidt, W. 1058, 3308
Schmidt, W. C. 5422
Schmidtchen, A. 2415
Schmidtling, R. C. 2936
Schmitt, C. L. 1094
Schmitt, D. 1075
Schmitt, D. M. 452
Schmutzenhofer, H. 40, 44, 46, 51, 54, 70, 1678
Schneider, G. 5884, 6553
Schneider, T. W. 301, 1168, 3498, 5213
Schnell, R. L. 7328
Schober, R. 4186, 5618
Schoen, J. 2364
Schoeneweiss, D. F. 1999, 2000, 4506
Schoenfeld, C. A. 7661
Schoenfeld, P. H. 5374
Schöller, W. 2360
Schönau, A. P. G. 2788, 5600, 6650
Schönhar, S. 2037, 2507
Schönherr, J. 2541, 2559, 7653
Schooley, H. O. 1552
Schopf, R. 6281
Schöpfer, W. 6636
Schorcht, M. 1602, 3901
Schorn, R. 2030
Schöttle, V. 3844
Schove, D. J. 4716
Schrader, S. 3968, 3969
Schretzenmayr, M. 3167
Schreuder, H. T. 296
Schröder, W. O. 2565
Schroeder, H. 7737
Schroeder, M. 6382
Schubert, J. 4021
Schuck, H. J. 6780, 6888
Schuh, A. 572
Schuler, A. T. 6418
Schulsen, B. 2307
Schultz, J. D. 1479
Schultz, R. C. 4670, 6468, 6552
Schulze, E. D. 4258, 5809, 5810, 5811
Schuster, C. 6592
Schuster, C. J. 6533
Schütt, P. 2524, 4306, 4619, 6780
Schutz, C. J. 1585, 2447, 2695
Schütz, J. P. 5770, 6665
Schwaar, J. 4397
Schwab, P. 1579
Schwalbe, C. P. 552
Schwandt, D. L. 726
Schwartz, E. 6470
Schwartzkopf, S. H. 5926
Schwarz, O. 3810
Schwarzbart, G. 3977
Schwärzel, C. 6874
Schweingruber, F. H. 6460
Schweppenhauser, M. A. 7509
Schwerin, I. v. 3319
Scifres, C. J. 4607
Scopel, A. 1962
Scopes, N. 5585
Scott, D. B. 1540
Scott, E. 5722
Scott, J. D. 4827
Scott, R. 4264
Scott, R. W. 1410
Scott, R. W. S. 1315
Scott, V. E. 6344, 7662
Scotto la Massèse, C. 6288, 7013
Scouvemont, F. 7288

Scriba, J. H. 212
Scriven, G. T. 3729
Seabrook, W. D. 2068, 4546
Seal, D. T. 3890
Seckinger, G. R. 616
Sedjo, R. A. 5553
Sedlag, U. 6992
Seegrist, D. W. 460, 634
Seeley, S. D. 615
Seeligmann, P. 2436
Seem, R. C. 7586
Seemen, H. 211, 257
Seethaler, K. 7686
Segaran, S. 1464
Segur, J. A. 1847
Sehgal, H. S. 4511
Sehgal, K. L. 3798
Seibt, G. 290
Seiler, W. 2845
Sekawin, M. 6621
Sekou, E. T. 2814
Selby, A. 1399
Self, R. L. 5666
Seliskar, C. E. 2916
Selivanov, A. I. 3819
Selkirk, A. B. 1148, 7685
Selman, B. J. 6977
Semadeni, A. 3995
Semal, J. 4505
Semana, J. A. 2755
Semb, A. 2381
Sembdner, G. 7483
Semechkin, I. V. 1864
Semerikov, L. F. 3247, 4379, 4463, 6865
Semevskiĭ, F. N. 6215
Sen, D. N. 6817
Sen-Sarma, P. K. 6935
Sencindiver, J. C. 5881
Sene, E. H. 5185
Sen'ko, E. I. 4130
Sennblad, G. 718
Sennerby, L. 7540
Sennov, S. N. 4095
Senter, P. 193
Sepp, R. 221
Sepp, R. A. 960
Sergeĭchik, S. A. 6723
Serra Filho, R. 1869
Seryĭ, V. S. 714
Seth, M. K. 6855
Seth, S. K. 5032
Seth, V. K. 4216, 5048, 5255
Settesoldi, E. 646
Setubal Filho, L. 5504
Setyono Sastrosumarto 5399
Sevast'yanov, V. D. 1376
Sewell, C. D. 6253
Seydack, A. H. W. 5826
Seymour, C. P. 6920
Seymour, F. C. 994
Shaburov, V. I. 124
Shadrina, N. I. 3246
Shafer, E. L. 5428
Shafiq, Y. 213, 214, 215
Shafland, P. L. 3133
Shah, B. H. 4588, 7020
Shah, S. S. 5138
Shahin, E. A. 1097
Shain, L. 3048
Shakhov, G. I. 7373
Shales, S. W. 4278
Shankara Narayana, K. H. 6774
Shao, C. H. 7148
Shao, G. Y. 4589
Sharkey, B. J. 7166
Sharma, D. C. 5962
Sharma, I. K. 5467
Sharma, K. K. 4343, 4550
Sharma, N. D. 6209
Sharma, O. P. 4140
Sharma, R. P. 4160, 4169, 4170, 4194, 6667
Sharma, S. K. 4071
Sharma, V. K. 5188, 5961, 6146, 6841
Shastin, V. I. 6673
Shavnin, A. G. 4064, 4180, 7240
Shaw, C. G., III 1085, 1087, 3684, 3685
Shaw, G. G. 528
Shaw, M. R. 6291, 6292
Shawkat, A. L. B. 6193
Shchedrova, V. I. 674
Shcherbakov, N. M. 6749
Shcherbakova, L. B. 1161
Shcherbakova, M. A. 7182
Shcherbina, A. G. 4150
Shea, G. M. 7197
Shea, S. R. 1147, 1149, 3037, 3135, 3696, 5955, 7443
Sheail, J. 6809
Shearer, R. C. 2959
Sheasby, J. L. 2063, 2064, 4534
Shechter, M. 3161, 3163
Sheedy, G. 5771
Sheffer, S. M. 6976
Sheffield, R. M. 4157
Sheichenko, V. I. 6770
Sheĭde, V. P. 7320
Sheikh, M. I. 1709, 2272, 2284, 2288, 2289, 2311, 2319, 2324, 2512, 2849, 3314, 3818, 6484, 6576
Sheĭngauz, A. S. 1387, 4378
Shelbourne, C. J. A. 1037, 1041
Sheldon, J. C. 4658, 6191
Sheleva, E. 7708
Shemberg, M. A. 6059, 6862
Shepard, R. K., Jr. 2259
Sheperd, C. J. 3688
Shepherd, K. R. 1932, 3207, 3214, 5674, 7065, 7217
Shepherd, R. F. 2530
Sheridan, F. 3712
Sherrod, C., Jr. 3548, 3561
Shetron, S. G. 5862, 5863
Shevernozhuk, R. G. 6903
Shevtsov, B. P. 6160
Shibakusa, R. 376, 1945
Shibata, N. 5791
Shibata, Y. 3410
Shigematsu, T. 2152
Shigo, A. 977, 1486, 6033
Shigo, A. L. 1075, 1487, 3038, 3051, 5487, 6181
Shikhèmirov, M. G. 4135
Shikov, K. 2783, 2808, 5806, 5821
Shilkina, I. A. 1961
Shilling, C. L. 5596
Shilova, I. I. 129
Shimabukuro, Y. E. 4209
Shimabukuru, D. 4461
Shimanskiy, P. S. 3571
Shimizu, J. Y. 1064
Shin, C. N. 7319
Shinozaki, K. 4315
Shinzato, T. 1411
Shipchanov, I. 4118
Shiraishi, T. 1570
Shirata, A. 3604, 3605
Shishkina, A. K. 6887
Shiyatov, S. G. 2459, 6726, 7098
Shlapakov, P. I. 3306
Shlyakhta, Ya. M. 4431
Shmelev, A. I. 1352
Shoba, J. 7482
Shoemaker, T. G. 6408
Shoji, T. 3707
Sholokhov, L. V. 700
Shone, A. K. 4305
Shortle, W. 1486
Shortle, W. C. 2029, 3038, 3049, 6452, 6919
Shortreed, K. R. S. 2135
Shottafer, J. E. 2259
Shoushan, A. A. 2254
Shpazhnikov, A. A. 1942
Shrimpton, D. M. 3047
Shroyer, J. P. 4094
Shubin, V. I. 820
Shuffstall, W. C. 2613
Shugart, H. H. 3762
Shul'ga, L. V. 5624
Shul'ga, V. V. 1436
Shul'gina, G. G. 7484
Shumakov, V. S. 712, 2652
Shumarin, N. A. 7705
Shutilov, V. A. 2774
Shutov, I. V. 6698
Shutov, V. V. 254
Shutyaev, A. M. 1530
Sibbald, A. R. 3832
Sickle, C. C. van 5338
Sickle, C. van 1842
Sidaway, R. M. 4956
Siddaramaiah, A. L. 6921
Siddikov, Yu. S. 702
Siddiqui, K. M. 691, 2245, 2375, 3342, 6531, 6843
Sidel'nikov, A. N. 6819
Sidhu, J. S. 2519
Sidhu, S. S. 1896
Sieber, M. 4313
Siefert, V. 7423
Siegel, W. C. 1844
Siemoni, C. 7140
Siepmann, R. 498, 7572
Siewniak, M. 7610
Sigafoos, R. S. 1335
Siitonen, P. 888
Sijde, H. A. van der 1252
Silen, R. R. 7523
Siltanen, H. 2298
Silva, A. P. 1984, 4060
Silva, J. A. A. da 797
Silva, J. A. da 7317
Silva, J. A. de 791
Silva, M. L. da 1248
Silva, M. L. de 1248
Silversides, C. R. 818, 4743, 5284, 5295, 6593
Silverstein, R. M. 6271, 6278
Silvester, W. B. 6716
Simak, M. 2926
Simard, A. J. 1921, 3594, 4898
Simatupang, M. H. 5411
Simiane, C. de 248, 1775, 1776, 1777, 1778, 1779
Simini, M. 4489
Simões, J. W. 4660, 6496
Simola, P. 7326
Simon, K. H. 2602
Simon, T. 6106
Simons, D. B. 11
Simpfendorfer, K. J. 3172, 5189
Simpson, J. 4514
Simson, B. W. 2899, 4319
Sinadskiĭ, Yu. V. 2092
Sinchuk, I. V. 3113
Sinclair, R. G. 2112
Sinclair, W. A. 2058
Sinden, J. A. 5420
Singer, F. 3298
Singh, A. 5313
Singh, B. R. 845
Singh, H. 7478
Singh, K. D. 5328, 7598
Singh, P. 2054, 4550, 4594, 6914
Singh, R. K. 3671
Singh, R. P. 5961
Singh, R. V. 2166, 5249
Singh, S. 2309, 4511
Singh, S. P. 1824, 4193, 5803
Singh, V. 7500
Singhapant, S. 5449
Sinitsyn, E. M. 4069
Sinker, C. A. 1496
Sinner, K. F. 5526
Sinner, M. 5225
Sinton, J. W. 7736
Sioumis, A. A. 4144
Sipkens, J. 3467
Siqueira, A. C. M. F. 1698, 1751
Sirakov, Kh. 2655, 4825
Sirén, G. 793, 2234, 7540
Sirko, A. V. 3668, 3670, 6162
Siryk, A. A. 4187
Sisam, J. W. B. 4919
Sissingh, G. 1644, 4389
Sita, G. L. 1269, 7482
Sitwell, M. A. 3710
Sivak, S. V. 1070
Siverts, L. E. 9
Sivertsev, V. D. 1789
Sivovol, G. M. 4132
Sjögren, E. 3655
Sjoholm, R. 3606
Sjøtveit, G. 2649
Skatulla, U. 1573
Skavysh, A. I. 3418
Skiba, A. A. 4255
Skilling, D. D. 2520, 4490
Skipworth, J. P. 4681
Skoda, L. 5837
Skolmen, R. G. 7127
Skratt, T. A. 318
Skrøppa, T. 6519
Skrzypczyńska, M. 7008
Skuhravý, V. 6285
Skylar, V. I. 788
Slagsvold, T. 3775
Slangen, L. H. G. 1645, 2374
Slatyer, R. O. 897, 4294
Slavekoorde, S. M. 2709
Slawoń, J. 5408
Slaymaker, O. 2605
Slayter, R. O. 4259
Slee, M. U. 136, 137, 1932, 3226
Slepyan, E. I. 674
Slesser, M. 3994
Slessor, K. N. 6271
Slichter, T. K. 5616
Sloan, T. 889
Slobodin, G. C. 4147
Slobodin, G. S. 672
Slobodyan, S. N. 6543
Slodkevich, Ya. V. 1339
Slycken, J. van 7542
Smaglyuk, N. A. 7018
Small, D. 1615, 1617
Smalley, E. B. 3054
Smardon, R. C. 7732
Smelstorius, J. A. 4144
Smerdov, V. V. 1288
Smerlis, E. 6915
Smetyuk, V. V. 6053
Smilga, J. 6157
Smirnov, E. G. 882
Smirnov, I. A. 196, 4350, 7208, 7409
Smirnov, K. A. 7038
Smirnova, A. I. 1780
Smirnova, E. S. 367
Smirnova, K. V. 7439
Smirnova, L. F. 571
Smirnova, N. G. 1262
Smirnova, V. K. 3254
Smit, L. C. 1644
Šmit, S. 3687
Smith, A. C. 414
Smith, C. C. 6353
Smith, C. R. 1391
Smith, D. 965, 1187
Smith, D. M. 5882
Smith, D. R. 6823
Smith, D. W. 811, 1182
Smith, E. L. 5873
Smith, I. M. 1569, 3066, 3093
Smith, J. 2474, 6530
Smith, J. E. 1104
Smith, J. H. G. 3484, 5028, 5562, 6457
Smith, J. R. 1005
Smith, K. M. 6297
Smith, K. T. 6919
Smith, L. 6104
Smith, M. E. 482
Smith, P. M. 7593
Smith, R. B. 3070
Smith, R. C. 5085
Smith, R. M. 5881
Smith, R. S., Jr. 497, 3700, 6922
Smith, Sir E. 2968
Smith, T. M. 3762
Smith, V. G. 3471
Smith, W. H. 5500, 6904
Smith, W. J. 359, 360, 4828, 6618
Smitinand, T. 7445
Smogunova, T. S. 7207
Smolander, H. 1953
Smolenkov, A. A. 7368
Smoliński, M. 2856, 4331
Smolonogov, E. P. 3251
Smol'yanov, A. N. 3462
Smout, G. 6569
Smurov, A. V. 4254
Smychnikov, Yu. I. 7307
Smyth, J. H. 5678
Snajberk, K. 193, 1482

Snedaker, S. C. 1017
Snekvik, E. 2384
Snell, J. A. K. 1806
Snoböhm, A. J. 5023
Snyder, E. B. 6858
Soares, P. M. 2667
Soares, R. V. 4299
Sobik, I. K. 250
Söderström, B. E. 2400, 7400
Söderström, V. 107
Soedarwono, H. 3216
Soedarwono Hardjosoediro 5192
Soederma, H. 2668
Soedjono, S. 2618
Soekartiko, B. 2599
Soekiman Atmosoedarjo 2162, 5118, 5122
Soekotjo 5400
Soenarso Sastrodimedjo 3296
Soepadmo, E. 12, 3858
Soerianegara, I. 2668, 6734, 6838
Soeroso, R. 2222
Soeroso, S. 2619
Soetrisno Hadi 5323
Sofronov, M. A. 1923
Sohlberg, S. 4205
Sohlenius, B. 3550
Sohn, S. I. 6902
Sokal, R. R. 6941
Sokolov, A. I. 7176
Sokolov, G. I. 6226
Sokolov, N. N. 1375
Sokolov, S. A. 7367
Sokolov, V. B. 7286
Sokolova, E. S. 2025, 6180
Sokolova, K. 2763
Sokołowski, A. 5456
Solan, F. M. 1480
Solandt, O. M. 3933
Solberg, B. 5109
Solbraa, K. 1295
Solbreck, C. 6263
Soldatenkova, Yu. P. 1287, 7503
Solodukhin, V. I. 7367
Solomon, D. J. 1591, 1592
Solomon Islands, Ministry of Natural Resources, Forestry Division 1434
Solomon, J. 6373
Solov'ev, A. M. 713, 840
Solov'ev, V. V. 3481
Som Deva 6816
Somego, M. 1986
Somsen, F. J. 2228
Son, D. S. 1695
Sonar, K. R. 5782
Song, L. T. 2059
Sonomoto, K. 3035
Sood, O. P. 5621
Sopper, W. E. 4807, 5498, 5981, 6546, 6551, 6560, 6561, 6567
Sorbi, U. 5049
Sorensen, F. C. 6066, 7512
Sorensen, J. 1764
Sorensen, P. D. 409
Sorg, J. P. 5544
Sørlie, B. 2649
Sorokina, L. I. 7676
Sosa Cedillo, V. E. 5330
Sosnin, N. A. 2705
Sosnovskaya, L. G. 1912
Sosnovskii, E. I. 1912
Sosromarsono, S. 6934
Souchier, B. 4262
Soudain, P. 6541
Soulé, M. E. 4692
Sousa Sánchez, M. 6784
Soutar, A. 933
South Africa, South African Forestry Research Institute 7160
South, D. B. 5732
South, P. M. 5300
Southard, A. R. 5874
Southey, J. F. 3066
Southwell, I. A. 3789, 6346
Souza, A. P. de 5931
Souza, F. G. A. 4739
Souza, W. J. M. de 1699
Sowbhagyam, B. M. 6913
Sower, L. L. 4595
Spaar, D. 4520
Spackman, W. 4374
Spada, B. 5016
Spaić, I. 3121
Spakhova, A. S. 6742
Spalding, B. P. 5917, 6709
Sparrowe, B. F. 6338
Spears, J. S. 3153, 5169
Specht, R. L. 4401, 4402, 4406, 4408, 4409, 4413
Spedding, C. R. W. 90
Speechley, H. 43
Speich, A. 1351
Speidel, G. 6475, 7031
Speidel, G. H. F. 5080
Speirs, D. C. 7475
Speltz, R. M. 1702, 1984
Spencer, H. A. 2887
Spencer, J. A. 4956
Spencer, R. D. 4863
Sperling, D. 572
Spethmann, W. 7183
Spiers, A. G. 511
Spillman, J. J. 3100, 3102
Spillner, C. J. 3754
Spinatsch, P. 4227
Spiridonov, V. N. 5970, 6875
Špiřík, F. 3825
Splechtna, K. 112
Splinter, W. E. 1211
Spongberg, S. A. 1499
Sprackling, J. A. 2434
Sprague, J. 2934
Sprent, J. I. 4264
Sprugel, D. G. 4181
Spurr, S. H. 2984
Squillace, A. E. 166, 1045, 4849, 6200
Squire, R. H. 3503
Sri Esti Intari 5322
Srivastava, B. P. 4672, 5170
Srivastava, M. M. 6816
Srivastava, P. B. L. 2725, 5962
Srivastava, T. N. 5050
Ssorin, V. A. 7352
Staaf, H. 860
Stack, R. W. 1995, 2001
Stadnitskiĭ, G. V. 1123, 4583
Staebler, G. R. 1211
Stage, E. 3985
Stagg, D. J. 3929
Stahel, J. 4662
Stahl, D. 6324
Staïchenko, N. I. 4500
Staines, B. W. 4620
Staley, J. M. 4491
Stam, I. 746
Stam, J. 2711
Stanek, W. 2342
Stanescu, V. 4835
Stanford, R. 5991
Stanley, J. 7095
Stanley, L. 556
Stansfield, K. 3856
Stapanian, M. A. 6353
Starchenko, I. I. 7701
Starck, M. 6033
Stark, B. A. 3586
Stark, N. 4261
Stark, N. M. 5968
Stark, R. W. 6996
Starostin, V. A. 7237
Starr, M. 336
Starzyk, J. R. 6257, 6926
Staša, J. 4164
Stasulat, J. J. 5304
State, D. 2342
States, J. B. 6408
Statistical Office of the European Communities 74
Staudt, F. G. 5277
Staudt, F. J. 3286
Stauffer, H. B. 1629
Stead, F. 2155
Stebler, A. 4961
Stechishen, E. 2843
Stecker, R. E. 4260
Stecki, Z. 7541
Stednick, J. D. 6550
Steel, J. 5924, 6287
Steenackers, V. 6144, 7542, 7543
Steenberg, B. K. 4722
Steenis, C. G. G. J. van 2467
Stefansson, E. 1469
Stefels, C. J. 2632
Stefurak, V. P. 6543
Stein, J. 329
Stein, W. I. 1477, 2876
Steinbeck, K. 3488
Steinbrenner, E. C. 5891
Steiner, K. C. 6854
Steinhilb, H. M. 726
Steinhübel, G. 978, 3611
Steinlin, H. 3193, 4196, 4989, 5520, 5521
Steinnes, E. 354
Stelzer, M. J. 6245
Stennes, M. A. 4492
Stepanov, A. M. 855
Stepanov, A. T. 6661
Stepanov, E. V. 4323, 4324
Stepanov, S. B. 6704
Stepanova, N. T. 3669, 3670
Stephan, B. R. 6907
Stephan, G. 4435
Stephen, F. M. 6261
Stephenson, G. R. 1621
Sterba, H. 1272
Stern, H. 6471
Stern, R. 4178
Stern, W. L. 1443
Sternitzke, H. S. 5557
Stettler, R. F. 1067, 7543
Steuer, R. E. 6418
Stevens, G. N. 7506
Stevens, J. G. R. 3578
Stevens, M. E. 5542
Stevens, P. F. 408
Stevens, R. 412
Stevens, R. E. 6983
Steward, W. C. 4461
Stewart, F. H. 5000
Stewart, G. G. 3831
Stewart, G. T. L. 5505
Stewart, H. M. 2172
Stewart, J. 3880
Stewart, J. B. 5948, 7689
Stewart, J. L. 1112
Stewart, P. 4714
Stewart, P. J. 2231, 5168, 5608
Stewart, R. E. 1759
Steyermark, J. A. 4368
Stickland, R. E. 1628
Stierlin, H. R. 5832
Stiers, D. L. 3033, 3034
Stipes, R. J. 2003
Stoakley, J. T. 1124, 3077, 3099, 3101, 3737
Stock, M. W. 6262
Stocker, U. 6042
Stockner, J. G. 2135
Stockton, C. W. 7099
Stoddard, C. H. 5558
Stöhr, G. W. D. 4079, 4102, 5116
Stoïkov, Kh. 3588, 5984
Stoïkov, S. 2782
Stolte, W. 3801
Stoltenberg, C. H. 4920
Stolyarchuk, L. V. 890, 7436
Stolyarov, D. P. 6586
Stone, C. P. 1596, 7662
Stone, E. C. 2869
Stone, E. L. 5903
Stonecypher, R. 1039
Stonecypher, R. W. 1067
Storch, R. L. 3759
Storey, W. E. 1620
Storms, M. W. 5070
Storozhenko, V. G. 4503, 7574
Storrs, A. E. G. 6801
Stoszek, K. J. 2891
Stott, K. G. 5702, 7130
Stott, P. A. 3644
Stoyanov, Zh. 6052
Strakhov, V. V. 6216, 6970
Strand, L. 3983, 5018
Strang, R. M. 1974
Strange, J. D. 1865, 6495
Stransky, K. 1941
Straten, J. van 492
Strehler, C. 4777
Strehlke, B. 1788, 3289, 3452
Streibl, M. 1941
Streyffert, T. 2723
Stribling, P. W. 7055
Strickland, R. C. 3622
Stringer, D. J. 3817
Stritzke, J. F. 4094
Strobel, T. 3522
Strojan, C. L. 5910, 6746
Strojny, W. 2079, 6275
Strömquist, L. H. 5633
Strouts, R. G. 2510
Struckmeyer, B. E. 616
Strullu, D. G. 350, 485, 6173
Strzelecki, W. 4836
Stuart, M. 2043
Stuart, W. B. 1744
Stubbings, J. A. 1300, 2678, 2788
Stubbs, A. E. 3834, 7085
Stupendick, J. T. 5674
Sturgeon, K. B. 2923
Sturges, D. L. 1890
Sturies, H. J. 1130
Sturrock, J. W. 1164
Styles, B. T. 4352, 6067, 7495
Subba Rao, B. K. 4647
Subbotin, A. I. 7053
Suckling, G. C. 2127
Sudan, Agricultural Research Council 2607
Sudan, General Administration for Natural Resources 2607
Sudan, Ministry of Agriculture, Food and Natural Resources 2607
Sudan, National Council for Research 2607
Sugano, K. 967
Suhaendi, H. 3599
Suharti, M. 3717
Suhendi 6844
Suiter Filho, W. 4831, 4837
Sukhikh, V. I. 1870
Sukhov, I. V. 4082
Sullivan, A. D. 5575
Sullivan, D. S. 3786
Sullivan, T. F. P. 3300
Sullivan, T. P. 3786, 3787, 3788
Summerville, K. O. 2937
Summerville, R. 4355
Sunakawa, S. 1358, 1368
Sundaram, K. M. S. 2580, 3118
Sundberg, U. 4740, 5275, 5396
Sundman, V. 887
Sunose, T. 544
Supriana, N. 7635
Suprunov, N. I. 6050
Suratmo, F. G. 6934, 7602
Surujbally, R. S. 2120
Sushko, M. T. 731
Susmel, L. 926
Süss, H. 2433
Süss, J. 6962
Suszka, B. 7244
Sutherland, B. G. 2133
Sutherland, J. R. 2028
Sutiérrez V., M. 6132
Suto, Y. 2053
Sutton, B. C. 2017, 4515
Sutton, R. F. 1461, 5673, 7227
Sutton, W. R. J. 2653, 2669
Suwandi Kliwon 5369
Suzaki, T. 2915, 4339
Suzuki, E. 4068
Svendsrud, A. 1404
Svensson, J. 5938
Svensson, J. G. P. 5956
Svensson, S. A. 2791
Švestka, M. 3095
Svetogorov, Yu. P. 1541
Sviridov, L. T. 7296
Svistula, G. E. 7287
Svoboda, D. 6569
Svolba, J. 3017
Swaigen, J. 3272
Swaleh, M. 4140
Swan, H. S. D. 2750, 6545
Swank, W. T. 5020, 5903

Swanson, F. J. 5901
Swanson, R. H. 4996, 5957
Sweden, Institute for Forest Improvement 5628
Sweden, Stiftelsen Svensk Växtnäringsforskning 3371
Sweden, Sveriges Lantbruksuniversitet 105
Sweden, Swedish University of Agricultural Sciences, Department of Forest Genetics 5628
Sweet, G. B. 1019, 3339
Sweet, J. B. 4522
Swendsen, M. Münster- 6947
Swift, D. 7060
Swift, M. J. 5911, 7404, 7405
Swigar, A. A. 6271
Swindel, B. F. 6200
Switzer, G. 697
Switzer, G. L. 5902
Syam, A. 5415
Sydnor, T. D. 611
Sykes, J. M. 5911
Sykes, W. R. 1501
Sylvander, R. 824, 2790
Sylvestre-Guinot, G. 512
Syme, P. D. 3076
Symons, P. E. K. 2140
Synge, H. 366, 3858
Synnott, T. J. 7324, 7325
Szabó, P. 1166
Szczerbakow, K. 5086
Szecska, D. 777
Szeless, S. 7369
Szilágyi, A. 2291
Szilágyi, B. 777
Szőcs, G. 3730
Szujecki, A. 4997, 6210
Szumidlo, Z. 832
Szweykowski, J. 3658
Szyszko, J. 6210
Taba, K. 1368
Tabakov, D. 2719
Tabata, T. 3035
Tabbush, P. 6320
Taber, R. 2364
Tachibana, K. 3748
Tacon, F. le 2267, 2282, 2350, 2716, 7249, 7254, 7258, 7261, 7282, 7283
Tadaki, Y. 16, 1010, 4176, 4243
Taft, K. A., Jr. 5217
Tagudar, E. T. 5014
Taha, H. A. 6261
Tai, A. 4575
Tainter, F. 2016
Tainter, F. H. 2015
Taira, H. 3641
Tait, F. 5715
Takahashi, K. 3473, 3604, 3605
Takahashi, N. 6951
Takai, S. 6196
Takaki Takaki, F. 435
Takatsuki, S. 7678
Takehara, H. 4990
Takeuchi, I. 1326, 4243
Talbert, J. T. 6853
Talbot, L. M. 6093
Talerico, R. L. 318, 6464
Tälli, P. 198, 211, 334, 571
Talsma, T. 5905
Talts, J. 308, 309, 5833, 6676
Talumewo 5229
Talwar, K. K. 4267, 4332
Tamm, C. O. 108, 865, 2700, 3374
Tamm, Ü. 375, 960, 2897
Tamm, Yu. A. 375, 960, 1455
Tamolang, F. N. 6509
Tampieri, F. 3621
Tamura, H. 4581
Tamura, Y. 2569
Tanaka, Y. 2940
Tandug, L. M. 3508
Tang, R. C. 5790
Tans, P. P. 2646
Tanton, B. 5260
Tanton, M. T. 3740, 3741
Tantra, I. G. M. 5395, 5453
Tappeiner, J. C. 5737
Tarabeih, A. M. 6193, 6886
Tarabrin, V. P. 6535
Tarankov, A. G. 6813
Tarasenko, I. M. 7287
Tarkhov, P. V. 4271
Tarlton, J. 181
Tarrant, R. F. 4889, 5555
Tarsia, N. 7052
Tarumingkeng, R. 7635
Tarumingkeng, R. C. 5415, 5446, 6934
Tascione, D. 7204
Tate, K. R. 333
Tatsuki, S. 6951
Tatsuyama, K. 6048
Tattje, D. H. E. 6776
Tauer, C. G. 195
Tausch, R. J. 5874
Tavares, M. F. R. 1738
Taverni, A. F. 6
Tawfik, N. I. 1483
Taylor, A. L. 1591, 1592
Taylor, A. R. 917, 4292
Taylor, B. A. 3264
Taylor, G. F., II 3264
Taylor, G. S. 510
Taylor, H. C. 952, 4398
Taylor, J. B. 65
Taylor, L. R. 3236
Taylor, P. N. 6328
Taylor, R. W. 1319
Taylor, S. C. 5757
Taylor, S. M. 4707
Taylor, T. 2062
Teas, H. J. 7080
Tee, L. A. 6323
Teeguarden, D. E. 1827, 1834, 1840, 1850, 1859, 6671
Teer, J. G. 4964
Teerink, A. G. 6422
Teerink, B. J. 6966
Teich, A. H. 443
Teigen, O. 2805, 2813
Teikari, E. 2674
Teillon, H. B. 6305
Teissier du Cros, E. 6139, 7279, 7549
Tekoev, M. A. 1266
Telitsyn, G. P. 3592
Temu, A. B. 2371, 3303
Tennent, R. B. 1361
Tenow, O. 3089
Teodorescu, I. 7016
Terasmaa, T. 468, 6130
Terasmaa, T. A. 469
Terek, O. I. 1949
Terinov, N. I. 3256
Terrado, C. B. 2841
Terry, T. A. 5902
Tersch, F. 5058
Tertecel, D. 5283
Tervo, L. 1735
Tesche, M. 2415
Tesdorff, H. N. F. 4850
Teslyuk, N. K. 1390
Teteneva, T. R. 6535
Teten'kin, A. E. 1864
Tétreault, J. P. 483
Tétreault, S. 4214
Teusan, A. 2105
Teviotdale, B. L. 3032
Tewari, R. K. 4511
Thakur, M. L. 6935, 7605
Thalenhorst, W. 1559
Thallon, K. P. 1866
Thelen, K. 7087
Theodorou, C. 1082, 7561
Theron, G. K. 2464
Thesslund, O. 1894
Thibau, C. E. 5069, 5090, 7154
Thibout, H. 1991
Thiele, H. U. 3071
Thiercelin, F. 2418
Thies, W. G. 1093
Thill, A. 4117, 4154, 4171, 7269
Thinon, M. 1000
Thivend, S. 384
Tho, T. 1980
Thoen, D. 2493
Thomas, D. I. 1241
Thomas, D. L. 3063, 3064
Thomas, H. 6991
Thomas, H. A. 536, 1118, 2951
Thomas, T. M. 4234
Thomasius, H. 3898
Thomasius, H. O. 4185
Thommen, F. 5588
Thompson, A. P. 1243
Thompson, C. R. 1900
Thompson, D. A. 743, 4087, 5691
Thompson, D. C. 7027
Thompson, I. S. 2414
Thompson, R. G. 342
Thompson, S. 1685, 7205
Thompson, W. N. 5928
Thomson, A. J. 1625
Thomson, A. P. 4890
Thomson, J. H. 745
Thomson, P. M. 1442
Thor, E. 2453
Thor, E. C. 7077
Thor, E. P., Jr. 5318
Thorne, A. C. 1211
Thorne, W. 1211
Thornes, J. B. 3807
Thornley, D. G. 3854
Thorpe, J. E. 3801
Thorpe, T. 965
Thorpe, T. A. 5631, 5632
Thorud, D. B. 5182
Thron, R. 6423
Thulin, I. J. 1245
Thum, J. 6395
Thursby, J. W. 1857
Thyr, B. 1238
Tiberi, R. 3234
Tideman, P. 5486
Tierson, W. C. 3384
Tietze, B. 4159
Tietze, H. 3846
Tikhomirov, F. A. 1942
Tikhonov, A. S. 4062
Tikhonov, V. V. 6755
Tikhonova, V. L. 4131
Tilbrook, P. J. 3111
Tilden, P. E. 6277
Tilley, F. B. 7692
Tillmanns, H. J. 3486
Tilman, D. 6256
Timbal, J. 3638, 7108
Timbol, A. S. 2596, 2597
Timchenko, G. A. 6294
Timchenko, L. I. 7203
Timell, T. E. 2899, 4319
Timmer, V. R. 208
Timofeev, P. A. 7177
Timofeev, V. P. 1328
Timofeev, V. Yu. 7396
Timoni, J. L. 1700
Tinsley, T. W. 642
Tinus, R. W. 448, 2866, 7124
Tippett, J. 2035
Tishchenko, A. I. 1783
Tissingh, A. 2227
Titov, S. P. 7356
Titov, Yu. V. 4245
Titova, V. G. 1158
Tiunchik, V. K. 4108, 7318
Tiwari, K. P. 4211, 6648
Tjing-huan Schao 7148
Tkachenko, A. N. 7524
Tkachenko, M. E. 2652
Tkachenko, V. S. 1509
Tlusty, W. 7741
Tobolski, J. J. 459
Toda, R. 1028, 1526
Todua, B. T. 467, 3661
Toes, E. 3055
Tohá González, J. 4726
Toit, C. W. H. du 2677
Toit, J. du 4817
Tokumasu, S. 3552
Tol, G. van 2280
Toledo, V. M. 3147, 3149, 3150
Toleman, R. D. L. 3866
Toliver, J. R. 659, 2489
Tolkachev, L. N. 798
Tolkachev, O. N. 7477
Tollan, A. 2647
Tölle, H. 2023
Tolokonnikov, V. B. 3257
Tolstopyatov, S. I. 7488
Tomar, M. S. 3930
Tomazius, Kh. O. 4185
Tomboc, C. C. 2771, 4115, 6581
Tomescu, N. 6991
Tomimura, S. 3910
Tomlinson, P. B. 4307
Tommaso, P. L. di 238
Tomov, T. 1739
Tomulescu, F. 4998
Tonkin, R. H. B. 7372
Toon, R. E. 357
Török, K. 2833
Torokhtun, I. M. 855
Torquato, M. C. 797
Torrey, J. G. 594, 3023
Toscani, H. A. 6604
Tosi, J. A., Jr. 1008, 5017
Toskov, N. 1739
Toth, J. 2451
Tóth, M. 3730
Tóth, S. 4957, 5472
Touré, G. 5142
Toutain, F. 7102, 7387
Towell, W. E. 4939
Tower, J. D. 6307
Towler, R. W. 7713
Townsend, A. M. 1019, 1985, 2040
Townsend, H. 3858
Townsend, M. G. 1584
Townsend, S. R. 501
Toyooka, H. 4287
Tozer, R. B. 1823
Trabaud, L. 922
Traczewitz, O. G. 4958
Traĭkov, K. 2718
Traill, I. 5728
Trampler, T. 291
Tran Van Nao 5198
Tranter, R. B. 2658
Trappe, J. M. 5889, 6172
Tratz, W. M. 944
Travis, M. R. 7077
Treeby, B. 4679
Tregonning, K. 5662
Treĭger, S. I. 6743
Tremblay, C. 558
Trémolières, M. 562, 563
Trenard, Y. 6458
Treshchevskiĭ, I. V. 3819
Trettin, C. C. 5862, 5863
Trevett, B. 6686
Trevisan, J. F. 4145
Tribunskaya, V. M. 1161
Tril', V. M. 6629
Trillmich, H. D. 5657, 7189
Trimble, G. R., Jr. 3268
Tripp, L. N. 1084
Triviño Diaz, T. 2090
Trochain, J. L. 6805
Trofimov, B. N. 2091
Trofimov, O. V. 6222
Trofimov, V. N. 6224, 7636, 7650
Trofimova, O. V. 3081
Troll, K. A. 6672
Trollope, W. S. W. 1432
Tronquillini, W. 4433
Troshina, E. S. 7306
Troupin, G. 996
Troxell, H. E. 261
Trubnikov, V. 4286
Trujillo, D. P. 2938
Trunov, I. A. 712
Trutnyeva, I. A. 2020
Tryon, E. H. 4284, 5973
Trzesniowski, A. 5274
Tsai, P. H. 6963
Tsaĭ, S. I. 6644
Tsaĭ, Yu. T. 7295
Tsankov, G. 6247, 6296, 7622
Tsanov, Ts. Ĭ. 4123, 6148
Tsanova, P. 4118, 6201
Tsaregorodtseva, S. O. 2902
Tsaregradskaya, S. Yu. 6439
Tsarik, I. V. 1886
Tsavana, N. I. 6887
Tschaplinski, P. J. 3119
Tschinkel, H. 4638
Tschoffen, A. 3964
Tsekhmistrenko, A. F. 7142

Tsirkov, I. 1739
Tsoumis, G. 75
Tsuda, K. 3545
Tsukayama, K. 1358
Tsuneda, A. 3703
Tsutsui, O. 6048
Tsutsumi, T. 5960
Tsybukov, V. N. 3468
Tsyganenko, L. G. 4128
Tuchia O., E. 4026
Tucker, R. 6308
Tudor, C. 7016
Tueller, P. T. 6307
Tufuor, K. 1019
Tuganov, S. R. 6228
Tuinzing, W. 2328
Tukey, H. B., Jr. 2638
Tuley, G. 841
Tully, W. P. 6444
Tumaliuan, B. T. 6599
Tumanov, I. I. 6053
Tunisia, Direction des Forêts 5246
Tupikin, V. I. 7381
Turchetti, T. 2044
Turén, C. 4201
Turenne, J. F. 2615
Turkevich, I. V. 1407, 5841
Turkkila, K. K. 1236
Turnbull, K. J. 635
Turner, A. K. 1597
Turner, B. D. 3236
Turner, B. J. 636, 1195
Turner, B. L. 6136
Turner, D. 3455
Turner, D. J. 1303, 5716, 5719
Turner, H. 2807
Turner, J. 983, 3383, 3537, 3538, 5883
Turner, J. A. 2422
Turner, R. 1781
Turner, T. J. 7433
Turner, W. J. 3114
Turngadi, A. 7635
Turton, A. G. 5967
Tur'yanov, R. A. 2093
Tustin, J. R. 832, 1428, 6419
Tustin, K. 556
Tutein Nolthenius, C. 2326, 2327
Tüxen, R. 4382, 4383, 4687
Tveite, B. 1363, 2382
Twetman, J. 1249
Twombly, A. D. 7734, 7740
Tyabera, A. P. 792, 7348
Tyalli, P. G. 571
Tyryshkina, V. A. 3065
Tyson, P. D. 3174, 6459
Tyukavkina, N. A. 2441, 3603, 3607, 6044, 6049, 6769, 6770, 6771, 6772
Tyurin, A. K. 7215
Tyurina, M. M. 7485
Uchita, T. 6909
Udarov, B. G. 2486
Uebel, E. 3544, 5661, 7189
Ueno, Y. 3472
Ugolini, F. C. 2816
Uhaedi Sutisna 5395
Uhlig, E. 6694
Uhlig, S. K. 3412, 3902
Uibrig, H. 1601, 1635, 3895
UK, Advisory Council for Agriculture and Horticulture in England and Wales 1171
UK, Agricultural Research Council, Weed Research Organization 5734, 5742
UK, Arboricultural Association 2174
UK, Askham Bryan College of Agriculture and Horticulture 7095
UK, Association of Applied Biologists 5699
UK, British Association for the Advancement of Science 2571
UK, British Standards Institution 1191, 1192, 7096
UK, Centre for Agricultural Strategy 5524
UK, Commonwealth Bureau of Soils 872, 1417
UK, Commonwealth Institute of Biological Control 3862
UK, Countryside Commission 1170
UK, Forestry Commission 3863, 3966, 5527, 7084
UK, Forestry Commission, Wildlife Branch 1142
UK, House of Lords 2211
UK, Institute of Terrestrial Ecology 4665
UK, Ministry of Overseas Development 2732
UK, New Forest Technical Review Group 3154
UK, Northern Ireland Forest Service 5259
UK, Royal Society of Arts 2194
UK, Scottish Woodland Owners Association Ltd. 1637
UK, Shell Chemicals 744
UK, Tyne and Wear County Council 3168
Ulbricht, R. 3896, 5800
Ullrich, R. C. 3697
Ulrich, B. 2389, 7427
Umali, C. G. 3122
Umehara, T. 3680
Umnov, A. M. 7483
Underwood, R. J. 6751
Ung, C. H. 2185
Unger, D. G. 4
Unger, H. 7411
Unger, S. G. 7
United Nations Educational, Scientific and Cultural Organization 5523
Unsworth, M. H. 7425, 7426
Upadhyay, R. K. 2057
Urbatsch, L. 6136
Urbonas, V. A. 5965
Urie, D. H. 569, 5499, 6547
Uriyo, A. P. 845
Ursic, S. J. 6494
Urushadze, T. F. 3652
Urusov, V. M. 4309
USA, Advisory Committee on Technology Innovation 997
USA, American Phytopathological Society 3045, 4464
USA, American Phytopathological Society, North Central Division 1993
USA, American Phytopathological Society, Pacific Division 3025
USA, American Phytopathological Society, Potomac Division 2002
USA, American Phytopathological Society, Southern Division 2008
USA, American Pulpwood Association 224
USA, California Department of Forestry 7691, 7696
USA, Department of Agriculture 6929, 6955, 7012
USA, Department of State 2623
USA, Forest Service 6498
USA, Greenacres Consulting Corporation 1612
USA, L. H. Bailey Hortorium 1967
USA, Northeastern Forest Tree Improvement Conference 446
USA, Technical Association of the Pulp and Paper Industry 1740
Ushakov, B. A. 3420
Usol'tsev, V. A. 804, 7327
Uspenskiĭ, V. V. 3431
USSR, Akademiya Nauk SSR, Sibirskoe Otdelenie 2672
USSR, Ural'skiĭ Nauchnyĭ Tsentr 120, 2109, 2672, 3668, 6701
Utkin, A. I. 1365
Utterback, R. C. 7218
Uziak, S. 5819
Uzielli, L. 803
Vaartaja, O. 2018, 3712, 3713
Vafai, A. 3585
Vaid, K. M. 2180
Vaidyanathan, C. S. 1269, 7482
Vairetti, M. 4756, 4779, 4787
Vaissière, J. de 4732
Vakarelov, I. 3859
Vakatov, A. A. 829
Vakshasya, R. K. 4035, 6840, 6842
Valadez Rodríguez, J. J. 4864
Valdés, C. 7718
Valendik, E. N. 1914, 1916
Valente, O. F. 797
Valenti, G. G. 3345
Valenti, G. S. 2432
Valentine, H. T. 3733, 4477, 6464
Valentini, J. A. 4947
Valk, U. 211
Valk, U. A. 7195
Valle, C. F. do 4033
Valle Martínez, E. del 4896
Vallée, G. 5771, 6971
Vallée, J. 553
Vallejo Rendón, D. 7155, 7371
Van der Duys, F. 1414
Vančura, K. 4014
Vancuylenberg, B. W. B. 1605
VanderSar, T. J. D. 542, 3742, 4570
Vangerow, H. H. 1230
Vankat, J. L. 1969, 6113
Vanková, J. 3095
Vannella, S. 1023
Vannier, G. 2820, 7104
Vanstone, D. E. 7136
Vargas-Olvera, M. 2894
Vargas Picón, R. 3440
Varmah, J. C. 2180, 5164, 5264
Varmola, M. 264
Varty, I. W. 4991
Vasander, H. 6602
Vashchenko, I. M. 2753
Vasil'ev, I. S. 1334
Vasil'ev, M. E. 1162, 4656
Vasil'ev, O. A. 7439
Vasil'ev, P. M. 885
Vasilevskaya, L. S. 1076
Vasil'tsov, I. I. 3424
Vasin, S. I. 773
Vásquez de la Parra, R. 4948
Vatasan, G. S. 5836
Vaupel, O. 4552
Vavilov, A. V. 1784, 3447
Väyrynen, R. 3791
Väyrynen, S. 1670
Vaziri, A. 4798
Vazquez-Yanes, C. 2914
Veblen, A. T. 6827
Veblen, T. T. 1654, 6827
Vecellio, G. 892
Ved', I. P. 4649
Vega Hidalgo, J. A. 1922
Vega, L. 5206
Vegerin, A. M. 1289
Veiga, A. de A. 2370, 3547, 4814
Veiga, J. E. R. 3547
Veiga, R. A. A. 4739, 4866
Veijalainen, H. 6573
Veillon, J. P. 2477
Vekshegonov, V. Ya. 4655
Velasco de Pedro, F. 4838, 7399
Velasco, F. 3532
Velasco Fiscal, V. 369, 427
Velay, L. 5081
Veldeman, I. R. 4340
Veldhuyzen, C. J. 3920
Velez Munoz, R. 2425
Vélez, R. 928
Velikotnyĭ, A. A. 4107
Vellikok, G. M. 779
Venanzi, G. 2431
Venediktov, P. S. 6057
Venegas Tovar, L. 695, 1714, 3312
Venet, J. 7275
Venkatesh, C. S. 6146, 6151, 6841, 6842
Venkatraman, K. G. 4216
Venn, K. 6179, 6699, 6916, 6917, 6918
Venning, J. 2426
Veracion, V. P. 5694
Vercammen-Grandjean, P. H. 4562
Verdcourt, B. 6082
Verduzco Gutiérrez, J. 4909
Verem'eva, S. S. 7486
Vergara, W. 6516
Verkhunov, P. M. 4070
Verkoren, J. 1644
Verlaan, A. L. 2710
Verloren van Themaat, R. 2299
Verma, A. N. 1558
Verma, V. P. S. 4148
Vernet, J. L. 424
Vernier, F. 3058
Versepuy, M. 4839
Vershinin, V. I. 2757
Verstraeten, C. 2330, 2629
Vertrees, J. D. 3857, 7126
Veruette Fuentes, J. 4874
Veselov, I. V. 2249
Vesikallio, H. 5536
Vestjordet, E. 1322, 1356
Veveris, A. L. 3662
Viado, G. B. 3745, 6931
Viana, V. R. C. 253
Viccon, J. 3149, 3150
Vicentic, M. A. 4867
Vichev, I. 5793
Vîclea, V. 4922
Victor, M. A. M. 4780, 4781
Vidaković, M. 5177
Vidal, C. 4055
Vidal, J. E. 7446
Vidali, E. 249, 776
Videla Pilasi, E. O. 3988, 5113
Vidigal, M. P. 7496, 7497
Vidigal, R. M. 4660
Vidrich, V. 954
Viga, W. M. 3310
Vigilev, A. M. 7676
Vigouroux, A. 2039, 2498
Viik, M. 6987
Vikstrom, P. 2730
Villaescusa Sanz, R. 4868
Villagómez A., Y. 3343
Villamar, C. A. 4668
Villanueva Aranguren, J. A. 4869
Villaseñor, R. 921
Villaseñor R., R. 3343
Villasuso, J. M. 2797
Villecourt, P. 871
Villegas, C. 588, 3181
Villeneuve, P. 4682
Villuendas Diaz, A. 5160
Vincent, L. W. 470
Vinciguerra, G. 5476
Vines, H. M. 3022
Vines, R. G. 906, 907, 909
Viney, R. 6695
Vinis, G. 2556
Vinokurova, G. P. 4229
Vinš, B. 3187, 4014
Vintoniv, I. S. 6150
Virduci, S. 802
Virtanen, J. 204, 3388, 3389
Vis, J. 93
Vis, T. 3304
Vishnyakova, T. N. 674
Visnapuu, M. 568
Vita Alonso, A. 5676
Vita, F. 800
Vité, J. P. 3737, 6265, 6267, 6290
Vitkovskiĭ, V. L. 4137
Vitkunas, Yu. V. 518
Vitousek, P. M. 3567

Vivekanandan, K. 131, 4000, 4001, 4002, 4019, 4020, 5604
Vlad, I. 6696
Vlasev, V. 2748
Vlasev, V. V. 3404
Vlasov, B. E. 883
Vlasov, P. V. 7483
Vliet, G. J. C. M. van 2863
Vlietinck, A. 976
Vogel, E. F. de 6072
Vogel, P. 5532
Vogl, R. J. 915, 944
Vogt, H. 1154
Voĭchal', P. I. 987
Voĭtyuk, Yu. 0. 1508
Volden, S. 2720
Volger, C. 2030
Volk, H. 3848
Volk, K. 1768
Volkart, C. M. 4803, 4891
Volkorezov, V. I. 1435
Volkov, F. I. 2721
Volmuller, J. L. 2227, 2228
Volney, W. J. A. 4540
Volokitina, A. V. 1151, 1923
Volovich, P. I. 2243
Volpini, C. 102
Volquardts, G. 92
Voolma, K. K. 1561
Voorhoeve, A. G. 6794
Voqui-Dinh, T. H. 614
Vorobeĭ, P. M. 277
Vorob'eva, È. V. 2377, 3510
Vorobiev, G. I. 4810, 5179
Vorobyev, O. B. 1914
Voronchikhin, N. Z. 4143, 4146
Voronin, I. V. 73, 7058, 7351
Voronkov, N. A. 2822, 4642
Voronkova, A. B. 4107
Vorontsov, A. I. 6220, 6481
Voropanov, P. V. 1377, 7346
Voroshilov, V. P. 6819
Vos, A. de 2119, 2614, 4969, 5216
Vos, B. R. 5601
Vostrowsky, O. 6962
Vosylytė, B. 2577, 2578
Vozzo, J. A. 2944
Vtorova, V. N. 3570
V"tov, V. 6296
Vu, C. V. 968
Vu, M. H. 6951
Vuokila, Y. 94, 3438, 4122, 4177
Vuuren, N. J. J. van 477
Vvedenskaya, N. A. 1731
Vvedenskiĭ, V. M. 1277
Vyas, K. M. 3060
Vyas, L. N. 1362
Vyas, N. L. 1362
Vyrupaeva, I. P. 7422
Vyskot, M. 4840, 5356
Wachter, A. 2917
Wacker, P. O. 2986
Waddell, T. E. 5
Wadhams, L. J. 2080, 2081, 4560
Wadsworth, F. H. 5033, 5389
Wagaman, D. 7045, 7046
Wagenhoff, A. 6377
Waggener, T. R. 5152
Waggoner, G. S. 4700
Wagle, R. F. 365
Wagner, C. E. van 1917, 1924
Wagner, D. 6879
Wagner, F. H. 1839
Wagner, H. 4388
Wagner, H. G. 2358
Wagner, M. R. 7646
Wagtendonk, J. W. van 948
Wahlgren, H. G. 1742
Wainhouse, D. 2534, 6237
Wakeman, D. C. 1259, 5672
Wakimoto, R. H. 942, 2842
Walbridge, T. A., Jr. 1744
Walden, C. C. 3804
Waldman, H. 1869
Wali-ur-Rehman 2557, 3725, 3735
Walke, R. H. 4709
Walker, B. D. 3146
Walker, B. H. 6105
Walker, J. E. 318
Walker, L. C. 4857, 5594
Walker, P. L. 4611
Walla, J. A. 506, 2001
Walley, D. N. 6541
Wallimann, B. 5569
Wallinger, D. P. 5626
Wallis, K. 4090
Wallis, K. E. 5708, 6603
Wallman, J. S. 7464
Wallner, W. E. 4544
Walsh, B. N. 2275, 2606
Walsingham, J. M. 90
Walter, F. 5825
Walter, G. R. 2165, 7722
Walter, H. 914, 3651
Walter, M. F. 3
Walter, M. R. 2680
Walters, J. 956, 2886, 6593
Walters, R. M. 7734
Walters, R. S. 3458
Walther, F. R. 4614
Walton, G. S. 4544
Wang, B. S. P. 1019
Wang, C. W. 172, 5358, 5359, 7522
Wang, F. Y. 4589
Wang, P. 2437
Wangaard, F. F. 261
Warburton, B. 555
Ward, D. 3806, 6820
Ward, J. C. 261
Ward, J. D. 2270
Wardle, P. 331, 4410, 6097
Wardojo, S. 7635
Waring, R. H. 5954
Warren, S. R. 362
Warrington, C. E. 5899
Warrington, I. J. 3519
Warsopranoto, S. 6734
Washbourn, R. W. 1340, 2731
Washer, J. 708, 2691
Wasilewski, A. 4590
Wass, E. F. 3070
Wästerlund, I. 1884
Watanabe, R. 430
Watanabe, T. 2699
Waterman, P. G. 6046
Waters, W. E. 4889
Watnaprateep, P. 5194
Watschinger, E. 1156
Watson, A. 4620
Watson, W. F. 5757
Watson, W. J. 228
Watt, G. R. 3511
Wätzig, H. 292
Waylen, M. J. 3807
Weatherhead, D. J. 7435
Weatherly, H. G. 1759
Weatherston, J. 2072, 6969
Weaver, G. H. 5757
Weaver, G. T. 6118, 6568, 6569
Weaver, P. L. 4179, 5812, 6658
Weaver, T. 6437
Webb, C. D. 6857
Webb, D. B. 2732, 6530
Webb, D. P. 7264
Webb, N. R. 4411
Webb, R. E. 552
Webb, R. S. 4493
Webber, B. 3359
Weber, D. E. 3579
Weber, F. R. 1749
Weber, N. A. 3722
Weber, S. G. 7365
Webster, H. H. 1845
Weddle, A. E. 3854
Weetman, G. F. 1807, 5397, 5878
Wehlburg, C. 6197
Weidensaul, T. C. 3061, 4494
Weihe, J. 6378
Weik, T. 2541
Weimann, H. J. 3502, 4172, 6674
Wein, R. W. 3531
Weinberger, P. 197, 2579, 2955
Weinitschke, H. 6423
Weinstein, A. 6526, 6527
Weinstein, J. 7668
Weir, R. J. 6129
Weisgerber, H. 4430, 7515, 7544
Weissen, F. 2396, 5655, 6587, 7247
Weissenberg, K. von 1190, 2048
Weisser, P. J. 2470
Weissmann, G. 5404
Welch, R. C. 3090
Welch, R. L. 7332
Welcomme, R. L. 3134
Wellburn, G. V. 5279
Welle, B. J. H. ter 6068
Wellendorf, H. 2242, 7518, 7568, 7571
Weller, M. W. 6001
Wellman, J. D. 581
Wells, C. G. 5804
Wells, D. E. 3110
Wells, D. R. 28
Wells, E. D. 3422
Wells, J. M. 1100
Wells, O. O. 6198
Wells, S. P. 1882
Wellving, A. 5859
Welt, R. 5982
Wencelius, F. 131
Wencl, J. 1237
Wengert, E. M. 258, 260, 261
Wenham, M. J. 2080, 2081, 4560
Wenk, G. 293
Wensel, L. C. 4666
Went, A. E. J. 3801
Wentzel, K. F. 878, 5974
Wenz, J. M. 2550
Werf, S. van der 88
Werger, M. J. A. 3640, 7474
Werkhoven, C. 1706
Werner, J. K. 3802
Werner, M. 5637, 7516
West, H. W. 6409
West, J. R. 6278
West, N. E. 5874
West, P. C. 5127
West, P. W. 4341, 7311
Weste, G. 3689
Westfall, R. D. 461
Westfall, R. H. 2471
Westman, C. J. 336, 862, 3393
Westman, M. 105
Westman, W. E. 4263, 4417
Westoby, J. C. 3913, 5315
Westra, J. J. 83
Wetterburg, G. B. 7725
Wetton, F. 5562
Weyrick, R. 977
Weyrick, R. E. 3267
Weyrick, R. R. 5776
Whalon, A. G. 6672
Wheeler, G. L. 5663
Wheelwright, G. C. 6672
Whelpdale, D. M. 1425
Whitaker, R. 6326
Whitbread, V. 377
Whitcomb, C. E. 2270
White, C. 6387
White, D. 4091
White, D. P. 5884, 6553
White, F. 4356, 4357, 7495
White, G. 378
White, J. 6991
White, K. J. 5387
White, L. M. 6504
White, R. E. 3521
White, R. S. 6649
White, T. L. 956
Whiteley, D. 7684
Whitesell, C. D. 130
Whiteside, I. D. 1428
Whitmore, J. L. 529, 6525, 6528
Whitmore, T. C. 148, 1494, 2428, 4697, 5457, 5463, 7453
Whitney, R. D. 1542
Whittaker, D. M. 582
Whittaker, R. H. 2991, 2994, 4414
Whittow, J. B. 6435
Whyte, A. G. D. 3361, 3715
Wiant, H. V., Jr. 72
Wibbelt, A. 3452
Wicht, C. L. 4992
Wick, R. L. 2007
Wicker, E. F. 1100
Wickman, B. E. 6249
Wiebecke, C. 4735
Wiecko, E. 4986, 5481
Wiersma, N. 2946
Wiesner, E. 3946
Wignarajah, S. 6289
Wijshoff, J. W. 2713
Wiklander, G. 2101
Wilcox, B. A. 4692, 4695
Wilcox, M. D. 1428, 1907
Wild, H. 2454, 7493, 7494
Wildman, H. G. 6873
Wilhelm, G. E. 847
Wilhelmij, H. 689
Wilhour, R. G. 2832
Wilken, G. C. 3152
Wilkinson, A. G. 7131, 7545
Wilkinson, G. B. 1015
Wilkinson, R. C. 379, 454, 4547
Will, G. M. 852, 853, 1424, 3352, 3353
Willan, R. L. 774
Willcock, D. 4817
Willett, R. L. 6112
Williams, B. L. 6718
Williams, C. B., Jr. 2550, 5977
Williams, D. F. 1920
Williams, E. W. 3208
Williams, J. B. 6710
Williams, J. D. 1595
Williams, J. S. 637
Williams, P. J. 5313
Williams, R. D. 2241
Williams, R. E. 3027
Williams, R. O. M. 3801
Williams, W. K. 3853
Williams, W. R. 6960
Williamson, R. 4680
Willis, G. L. 2982
Willms, W. 6308
Wills, B. J. 6876
Wills, W. H. 2005
Wilson, C. C. 6735
Wilson, C. L. 1998
Wilson, G. G. 3097, 4585
Wilson, J. H. 1674
Wilson, L. F. 6933
Wilson, R. H. 2828
Wilson, W. L. 6735
Wiltrout, T. R. 2290
Windberg, L. A. 3785
Windhorst, H. W. 3265, 7141
Windisch, E. 6722
Wingfield, M. J. 2447
Winner, W. E. 6721
Winnercrans, T. 2791
Winslow, A. 2461
Winston, D. A. 2698, 6545
Winter, K. 7441, 7659
Winter, T. G. 1134, 6950
Winters, R. K. 3981
Wiradinata, S. 2668
Wirén, A. 1274
Wiriosoepartho, A. S. 5415
Wirjodarmodjo, H. 2222
Wirtz, W. O., II 899
Wistendahl, W. A. 1005
Withers, W. 6240
Witmer, R. E. 7073
Witte, L. 5301
Wittig, R. 4390
Wittwer, R. F. 2780
Wittwer, S. H. 1211
Wobst, H. 117
Woerheide, J. D. 5561
Woessner, R. A. 131, 2246
Woillard, G. 2978
Wójcik, R. 291
Wojterski, T. 4689
Wolda, H. 3728
Wolf, C. W. 5268
Wolff, J. O. 1586
Wolff, W. J. 6089
Woll, A. M. 5016
Wollerman, E. H. 6272
Womersley, J. S. 4409
Wong, D. T. W. 6271

Wong, H. R. 1550
Wong, W. C. 1108, 1109, 1110
Wong, Y. L. 1596
Woo, J. Y. 3034
Woo, V. 2795
Wood, A. W. 6401
Wood, D. L. 6277, 6278, 7634
Wood, G. W. 3764, 6563
Wood, J. E. 499, 6184, 6892
Wood, J. R. I. 6824
Wood, J. Y. 3033
Wood, P. J. 161, 3893, 3915, 6530
Wood, R. E. 3040
Wood, T. G. 2066, 2587, 6923
Woodell, S. R. J. 5924, 6287
Woodman, M. J, 6085
Woods, F. W. 470, 2453, 2870
Woods, P. J. 3142
Woods, R. 1614
Woods, R. G. 3835
Woods, T. A. D. 2028
Woodwell, G. M. 2995
Wooldridge, D. D. 6550
Workman, J. 5465
World Forestry Congress 4720, 4721, 4747, 4804, 4870, 4902, 4932, 4999, 5091, 5092, 5117, 5171, 5251, 5314, 5402, 5412
Worsley, M. 1640
Worthing, C. R. 5510
Wortley, M. D. 3069
Wouters, L. A. 6304
Wouters, L. J. A. 2097
Wratten, S. D. 5573
Wright, D. M. 7233
Wright, H. A. 6756
Wright, H. L. 4174
Wright, J. W. 1985
Wright, K. H. 6254
Wright, R. D. 4269
Wright, R. F. 2383
Wright, T. W. J. 3854
Wuertz, D. E. 4093
Wullschleger, E. 5975
Wuolijoki, E. 3285
Wyatt-Smith, J. 2164, 4362
Wydoski, J. A. 7686
Wydoski, R. S. 7686
Wyk, G. van 131, 1074, 1077, 1525, 1977, 6836
Wylie, F. R. 1560
Wysong, D. S. 7569
Xiang, Y. Y. 4507
Xu, L. M. 6945
Yabuki, K. 13, 21
Yacubson, D. 5236, 5309
Yadav, A. K. 2804, 4646
Yagdyev, A. 4565
Yagodin, V. I. 4321
Yakimov, I. V. 885
Yakimov, N. I. 4513
Yakovlev, A. V. 404
Yakovleva, L. V. 3307
Yakshina, A. M. 396, 1943, 6778
Yakubonis, S. P. 7355
Yamaguchi, A. 4579, 4580
Yamaji, K. 3680
Yamamoto, J. 6909
Yamamoto, T. 3597
Yamane, A. 6951
Yamat, L. L. 3476
Yamazoe, G. 4781
Yandell, J. H. 2453
Yanyshev, V. I. 73, 728
Yao, C. E. 5694
Yaroslavtsev, G. D. 3305
Yashcheritsyna, L. A. 7056
Yasue, M. 472
Yates, H. O., III. 6536
Yauieb, A. M. D. 3209
Yavorsky, J. M. 4921
Yde-Andersen, A. 1101, 1102, 2515, 4509
Yeh, F. 1059
Yeh, F. C. H. 3012
Yeilding, L. 943
Yeiser, J. L. 5596
Yen, C. P. 1478
Yerke, T. B. 3972, 6505
Yerkes, V. P. 261
Yevstifeeva, L. P. 1276
Yim, K. B. 1533
Ying, C. C. 465, 1281
Ylä-Hemmilä, V. 4125
Ylinen, M. 3389
Ylitalo, T. 1928
Yocum, J. 5306
Yoda, K. 14, 18, 20, 32
Yokoyama, T. 1489, 4342
Yon Sudiono 5254
Yoneda, T. 32, 7390
Yong, H. S. 6736
Yoshida, S. 6951
Yoshida, T. 4175, 4280, 4283
Young, C. E. 6566
Young, C. W. T. 2514
Young, G. A. 1921
Young, H. E. 311, 5686, 5767
Young, J. F. 5663
Young, J. K. 4589
Young, N. D. 239
Young, R. 3801
Young, W. 5106
Youngberg, C. T. 5872, 5896
Youngs, L. C. 6957
Youngs, R. L. 5012
Yuan, S. L. 2059
Yudodibroto, H. 5439
Yukawa, J. 544
Yukin, N. A. 7180
Yule, R. A. 1560, 3586
Yule, W. N. 3753
Yulev, M. 2718
Yuodval'kis, A. I. 7349
Yurshenene, Ya. E. 2576
Yuzelyunas, E. 823
Yuzelyunas, E. P. 1321
Zabel, R. A. 3046
Zabkiewicz, J. A. 2740, 3427, 4089
Zablotskiĭ, V. R. 7414
Zadorova, G. G. 6543
Zaerr, J. 3558
Zagata, M. D. 3761
Zagory, D. 60, 67, 4495
Zagreev, V. V. 7350
Zaidi, S. H. 2247
Zaĭtsev, B. D. 7382
Zajączkowski, S. 1950
Zajciw, D. 6994
Zakaullah 2502, 2504, 2525, 3716
Zakaullah, C. 2512
Zakhariev, B. 2656
Zakhov, S. 6296
Zaki, Z. T. 2254
Zakirov, A. 2207
Zakutna, L. 1939
Zalasky, H. 1413, 1416, 1883
Zaman, M. A. 3828, 3829
Zambanini, G. 7504
Zamora Serrano, C. 369, 427
Zamyslovskiĭ, V. D. 4298
Zander, J. 3286, 3287
Zander, M. 4715, 6456
Zang, L. 3059
Zangerl, A. R. 7473
Zanzucchi, C. 2191
Zapata, A. 2244
Zapata, R. 247
Zapesochnaya, G. G. 6049, 6769, 6770, 6771, 6772
Zarnoch, S. J. 1128
Zarubin, A. F. 3018
Zasoki, R. J. 6549
Zavarin, E. 193, 1482
Zavitkovski, J. 1745, 3302
Zav'yalova, N. S. 127, 3254
Zed, P. G. 3428
Zedelashvili, M. S. 1344
Zedler, P. H. 947
Zeedyk, W. D. 5570
Zeeuw, C. H. de 2851
Zeide, B. 2734, 5818
Zeide, B. B. 5818
Zeijlemaker, F. C. J. 1736
Zel, D. W. van der 1155, 2275
Żelawski, W. 6765
Zeller, J. 6426
Zemkova, R. I. 1246
Zemlyanukhin, A. I. 7297
Zentmyer, G. A. 3039
Zentsch, W. 3899, 4021
Zéphirin, Y. 3261
Zepp, D. B. 6975, 7019
Zethner, O. 2575
Zhadenov, V. S. 3450
Zhao, J. Z. 4507
Zharikov, V. M. 4438
Zheleva, E. 7061
Zhimerikin, V. N. 6295, 6300
Zhiryakov, V. A. 4027
Zhivotyagin, I. F. 7058
Zhukov, A. Ya. 7367
Zhuravleva, M. V. 737
Zhurba, O. V. 6635
Zimba, S. C. 3480
Zimina, N. G. 2486
Zimmermann-Fillon, C. 1048
Zink, R. L. 5778
Zinke, P. J. 903
Zinkel, D. F. 462
Zinov'ev, V. 7657
Zivnuska, J. A. 910, 1211, 1405
Zlatanov, S. 3520, 4118
Zlobin, Yu. A. 4028
Zobel, B. 2934, 3270, 4231, 4428, 5362
Zobel, B. J. 355, 438, 2262, 4754, 7521
Zobel, D. B. 6717
Zocca, A. 2273
Zohar, Y. 6526
Zöhrer, F. 2787, 6674
Zoltai, S. C. 2795
Zonneveld, I. S. 89
Zrazhevskaya, G. K. 2906
Zsombor, F. 464
Zsuffa, L. 5772, 7134, 7546
Zubanev, V. M. 7306
Zubareva, R. S. 3244, 3246
Zubtsovskiĭ, N. E. 4616
Zucchi, G. 111
Zudin, N. A. 1145
Zühlsdorf, A. 4021
Zukrigl, K. 4399
Žumer-Linder, M. 7714
Zundel, R. 5482
Zvirbul', A. P. 676, 713
Zwaan, J. G. de 1261, 1582
Zykov, I. G. 3816
Zylstra, B. F. 3084
Zyuz', N. S. 244

SPECIES INDEX

Abelia* × *grandiflora 1189
***Abies* spp.**
foliage, chemistry 384
forest types 828, 6703
insect pests, Hym. 7008
management 6491
measurement tables 3468
palaeoecology 2978
propagation by cuttings 6541
provenance studies 2686
remote sensing 828
seed, pests and diseases 7008
soil 6703
species trials 2970
wood, anatomy 3600
A. alba
bark, uses 2719
browse 5679
chemical constituents 2905
Christmas trees 1343
cone
measurement 2960
pests and diseases 2965
control, chemical 1764
decorative greenery 1343
diseases and disorders
complex or unidentified 2448, 2917, 6780, 7487
decay 1086, 1816, 6780, 7487
foliage and shoot 514
root 1086, 1816, 6780, 7487
wilts, dieback 7649
distribution 2808, 6168, 7107
ecology 7107
fertilizers 1719
foliage, chemistry 2827
forest types 2340, 6168, 6521
genetics/breeding 1055, 4432
habit 4386
historical records 646
increment and yield 282, 1086, 1719, 1816, 2308, 2344, 2808, 3477, 7344
injury by
deer 2105, 6319
drought 2917, 4432
game 801
gases and fumes 2917, 6722
hail 5856
insect pests 2965
Col. 1119
Hym. 7008
Lep. 7017
management 4196
measurement tables 3477
measurement, tree and stand 280, 4058
mycorrhiza 6169
nursery management 7204
plantations in, France 4262
plantations on, former fields 6580
production, biological 1816
protection and preservation 2105
provenance studies 692, 1254, 2684, 2686, 4004, 4432
pruning 6614, 6615
regeneration, artificial 801
regeneration, natural 238, 801
seed 2960
pests and diseases 2965, 7008
treatment 5368
silvicultural systems 2344, 4058, 5679
silviculture 6521
site quality 2340
soil, effect on 4262
sowing, direct 5368
thinning 238, 1764, 6319
wood, anatomy 6722
A. amabilis 2364, 2594, 5890
A. balsamea
Christmas trees 4483
cone
morphology 2932
pests and diseases 2954
fertilizers 483, 528, 2704, 2750
forest types 431, 828, 2475
increment and yield 1385, 2750
injury by, frost 4483
insect pests
Hem. 1552
Lep. 528, 1576, 2071, 2544, 2954, 3084, 3239, 4584, 4593, 6253, 7615
Abies balsamea* *contd.
irrigation 6558
measurement tables 1385
mycorrhiza 483
nutrition 7507
regeneration, natural 5683
remote sensing 828
roots, growth 1479
seed production 2932
silvicultural systems 5765, 5840
soil 7507
thinning 2750, 4181
wood, anatomy 1552
A. borisii-regis 7107
A. bornmuelleriana 6101, 7107
A. cephalonica 1120, 7107
A. cilicica 4386, 6100, 6101, 7107
A. cilicica isaurica 7107
A. concolor
fire
danger 2842
reaction to 949, 5992
forest types 5873, 5992
increment and yield 598, 5977
injury by
gases and fumes 5977
salt 599
insect pests
Col. 7007
Hym. 7007
Lep. 2550, 4595, 6249
nursery management 598, 608
production, biological 606
radiation, effect of 606
seed
chemistry 193
germination 196
sources of supply 196
soil 5873
successional role 949
A. equi-trojani 6101, 7107
A. firma 430, 3489
A. fraseri 2297, 4483, 7088
A. grandis
Christmas trees 1343, 2297
conferences, symposia 3316
decorative greenery 1343
diseases and disorders 3317
decay 1094
root 1094
distribution 3317
ecology 3317
fire, reaction to 6756
forest types 4400
genetics/breeding 3317
increment and yield 284, 3322, 6647
injury by
drought 3318
frost 3318
insect pests 3317
measurement tables 6647
plantations in, France 7239
production, biological 1806, 4400
provenance studies 179, 2686, 3316, 3318, 3319, 3320, 3321, 3322, 3323, 4004
roots, growth 1477
seed, chemistry 193
shoot, growth and development 3319
silviculture 3317
spacing 7239
weed control 2297, 5710, 5719
A. lasiocarpa
forest types 5873
injury by, frost 603
insect pests, Col. 6983
mycorrhiza 3672
production, biological 1806
roots
chemistry 857
systems, distribution 857
soil 5873
thermal relations 603
A. magnifica 193, 949, 1482
A. magnifica shastensis 1094, 1482
A. marocana 4386, 7107
A. nebrodensis 2969, 7107
A. nephrolepis 2441, 3603, 4426, 6044, 6635, 7150
Abies* *contd.
A. nordmanniana 1343, 3661, 5469, 7107
A. numidica 3305, 7107
A. pardei 2969
A. pindrow 2504, 6539
A. pinsapo 3305, 4386, 7107
A. procera 193, 606, 864, 1124, 1343, 1482, 2686, 2876, 2877, 4004, 7122
A. religiosa 6811, 6812
A. sachalinensis
buds 1945
chemical constituents 385
cone 385
foliage 4287
anatomy 376
morphology 376
nursery management 3545
photosynthesis 967
physiology 1945
A. sibirica
bark
chemistry 4132
uses 4132, 5802
chemical constituents 4320, 4323, 4324, 6044
felling 7240
fire, danger 5996
foliage
chemistry 2441, 3603
uses and products 5802
forest types 2459
genetics/breeding 3015
increment and yield 817, 5802
insect pests, Lep. 973, 6961
measurement tables 817
nurse to, conifers 6055
oils 4320
physiology 973
regeneration, natural 7216
silviculture 7240
variation 4442
A. tazaotana 4386
A.* × *vilmorinii 3305
Abutilon theophrasti 7473
***Acacia* spp.**
browse 5239
control, biological 1300, 1301
diseases and disorders, root 7125
gums 4141
honey/nectar 6043
insect pests, Col. 6977
plantations in
Africa 6518
arid regions 5239
taxonomy 1960, 7501
A. albida 1270, 1447, 1960, 3143, 4674, 4791, 5202, 5211, 6597
A. aneura 6773, 6861
A. aneura latifolia 5955, 6773
A. arabica (see *Acacia nilotica indica*)
A. berlandieri 4607, 6607
A. campylacantha 4141
A. coolgardiensis 6773
A. cyanophylla 1083, 4601, 5614, 5886, 6527
A. dealbata 1760
A. decurrens 3821
A. drepanolobium 4141, 4633
A. ehrenbergiana 2975
A. farnesiana 2975, 4607
A. ferruginea 5789
A. gerrardii 5918
A. harpophylla 5743, 5744
A. jacquemontii 1970
A. karroo 2470
A. koa 130, 2505, 3036, 6922, 7127
A. koaia 6922
A. laeta 1989, 4141
A. leucophloea 1545, 1970, 4617
A. longifolia 3821
A. mearnsii 3395, 3396, 5600, 7201
control, biological 1300, 1301
foliage, uses and products 2325
genetics/breeding 6835
nursery management 1736
plantations in, South Africa 2788
seed
collection 2248
storage 2248
treatment 2248

Acacia mearnsii *contd.*
seed orchards 2248
weed control 2299
weedkillers, effect of 2299
A. melanoxylon 1261, 1582, 3036, 5614, 6620
A. mellifera 1989, 2213, 2975, 4633
A. mellifera detinens 5918
A. modesta 4617
A. mollissima (see *Acacia mearnsii*)
A. nilotica 1763, 3671
A. nilotica indica 1970, 3818
A. nubica 2975
A. pulchella 2035, 3037
A. pycnantha 3705
A. reficiens 5166
A. rigidula 4607, 6607
A. salicina 6526, 6527
A. saligna 5505, 7464, 7470
A. senegal 1750, 1815, 1970, 1989, 3136, 4141, 5166, 5202
A. seval 4141
A. seyal 2975
A. tortilis 2975, 3136, 4633, 5166
A. tortuosa 4607, 6607
A. villosa 2162
Acantholyda erythrocephala 7002, 7645
A. posticalis 7010
A. stellata 2103
Acanthus ilicifolius 4325
Acari 24
Acarina 2817, 2818
***Acer* spp.**
diseases and disorders, wilts, dieback 2514, 6195
distribution 4378
economics 73
forest types 1007, 1614
injury by, artificial wounding 6033
leaf, anatomy 6711
propagation, vegetative 7126
water relations 6711
wood, anatomy 6036
A. campestre 979, 2449, 2514, 7702, 7706
A. circinatum 3857
A. grandidentatum 615
A. komarovii 4309
A. negundo 7710
calorific value 3488
diseases and disorders, wilts, dieback 2514
forest types 6115
injury by, gases and fumes 7422
mycorrhiza 6881
pollen 5787
production, biological 3488
roots, systems, distribution 2434
shelterbelts 122, 7057
transpiration 5934
water relations 5934
A. opalus 2449
A. palmatum 604
A. pensylvanicum 7594
A. platanoides
antibiotics 976
bark, chemistry 4277
diseases and disorders
complex or unidentified 3031
decay 6888
root 6888
wilts, dieback 2514
flowering 959, 2450
fruiting 2450
increment and yield 6661
injury by
dust 4277
gases and fumes 4277, 6742
light relations 4327, 6057, 6778
litter/humus 6888
mixtures 6661
nursery management 721, 5700
phenology 3457
photosynthesis 2450, 6057
plantations in, Ohio 611
plantations on, watersides 2598
planting 721
planting stock 3403
pollen 2449
resin-tapping 3457
respiration 6778
roots
physiology 6778
systems, distribution 6778

Acer platanoides *contd.*
silvicultural characters 1930
tissue culture 614
transpiration 5934
water relations 5685, 5934
weed control 5700
A. pseudoplatanus
bark
morphology 6150
variation 6150
browse 5679
chemical constituents 2904
diseases and disorders, wilts, dieback 2514
fertilizers 3376
forest types 4392
genetics/breeding 2430
increment and yield 7267
insect pests, Hem. 3237
litter/humus 5915
mixtures 7270
mycorrhiza 2497
nursery management 2716, 5716, 7282
palaeoecology 424
phenology 3457
plantations in, USSR 7206
plantations on
former fields 6580
marginal, waste, degraded land 3376, 6091, 7129
mining wastelands 4658
watersides 2598
planting stock 7267
pollen 2449
propagation by cuttings 6541, 7129
propagation by grafting 5641
protection and preservation 1619
resin-tapping 3457
roots
growth 2179
systems, distribution 2179
sap, sugar 2904
seed
germination 7244
morphology 2430
physiology 7244
treatment 5368
variation 2430
seedlings 371, 7206
silvicultural characters 371
silvicultural systems 5679
sowing, direct 5368
variation 2430, 6150
weed control 5716
A. rubrum
browse 7672
calorific value 3488
control, chemical 1757, 2297
diseases and disorders
canker, bark diseases 508, 510
decay 2029, 6919
root 2029
electrical phenomena 977
fertilizers 3384, 6559
forest types 2990, 6113, 6114, 6118
increment and yield 3384, 7336
injury by
artificial wounding 2029
flooding 595
gases and fumes 5973
insect pests
Lep. 4540, 6240, 7616
Orthopt. 510
litter/humus 3531
measurement tables 7312
mycorrhiza 2613
physiology 1486
plantations on, mining wastelands 2613
production, biological 3488, 6559
provenance studies 1985, 6520
regeneration, natural 7671
roots, physiology 595
silvicultural systems 5765
silviculture 6520
stand development 7336
successional role 6112
tree surgery 1187
water relations 4257
A. saccharinum 812, 971, 4093, 6568, 6569, 7264, 7431
A. saccharum
chemical constituents 460
control, chemical 1757

Acer saccharum *contd.*
diseases and disorders
canker, bark diseases 508
decay 3697
root 3697
wilts, dieback 4466
fertilizers 3384, 6559, 7418, 7419
flowering 2450
forest types 828, 2982, 6113, 6115, 6118
fruiting 2450
genetics/breeding 460
increment and yield 3384, 5816
injury by
flooding 595
gases and fumes 3579
precipitation 3579
insect pests, Lep. 2070, 6305
management 1853
measurement tables 7312
photosynthesis 2450
production, biological 5816, 6559
remote sensing 828
resin-tapping 2764, 2765, 3458
roots, physiology 595
seed, germination 703
silvicultural characters 7264
silvicultural systems 726, 5765
silviculture 5768
soil, fauna 3555
underplanted with, conifers 3458
underwood 1005
weed control 5768
A. tataricum 959, 2687, 5787, 7702, 7710
A. tschonoskii 4309
Aceraceae 4317
Aceria fraxinivora 545
Acleris caryosphena 6925
A. gloverana 2530
***Acmaeops* spp.** 6225
Acrobasis consociella 2526
Acrocomia intumescens 373
***Acromyrmex* spp.** 3722
Acronychia pedunculata 6816
Actebia fennica 6243
Actinodaphne hookeri 4022
Adansonia digitata 2180, 5231, 6518, 7493
Adelges cooleyi 549
A. piceae 1552, 2094
Adenanthera pavonina 6518
Adenostoma fasciculatum 936, 4604, 5807
A. sparsifolium 229
Adina cordifolia 4170
Aegiceras corniculatum 7506
Aeolesthes sarta 2085
Aeschynomene sensitiva 4461
A. sensitiva amazonica 4461
***Aesculus* spp.** 6036
A. californica 1900
A. hippocastanum 396, 1096, 1163, 1941, 1949, 2179, 4317, 4329, 4626, 6057, 6535
Aesiotes notabilis 1560
Aextoxicon punctatum 1975, 7389
Afrormosia (see *Pericopsis*)
***Afzelia* spp.** 1451
A. africana 6518
Agaricales 257, 3670, 5965, 7553
***Agaricus* spp.** 7307
A. silvaticus 3021
***Agathis* spp.** 148, 3725, 4354, 5461
A. australis 331, 333, 723, 772, 1488, 4066, 4354, 6716
A. beccarii 4354
A. borneensis 4354
A. dammara 4354, 6844
A. labillardieri 4354
A. lanceolata 4354
A. loranthifolia (see *Agathis dammara*)
A. macrophylla 1434
A. microstachya 4354
A. moorei 4354
A. palmerstonii 1560, 4354
A. robusta 1560, 4354
A. vitiensis 4354
Agonandra 426
Agria affinis 6228
***Agrilus* spp.** 3745
A. bilineatus 4477
Ailanthus altissima 959
A. excelsa 2309, 4594, 4674
A. malabaricum 6518
***Albizia* spp.** 2466, 6518
A. acle 7198
A. arunachalensis 4359

Albizia *contd.*
A. falcata (see *Albizia falcataria*)
A. falcataria 1434, 1658, 5322
A. julibrissin 701
A. lebbek 1478, 2213, 2610, 3136, 4617
A. lucida 2331
A. procera 4170
***Alces* spp.** 4612
A. alces 383, 553, 1586, 2116, 4623, 5384, 6093, 6337, 6340, 6341, 7038, 7676, 7677, 7679
***Aleurites* spp.** 3963
Alexa imperatricis 2477
Algiceras corniculatum 4325
Allolobophora intermedia 5923
Alluaudia procera 6518
***Alnus* spp.** 351, 563, 1764, 2157, 5640, 6224, 6293, 6811
A. cordata 705, 1071
A. crispa 3023
A. crispa mollis 491
A. fauriei 694
A. firmifolia 6812
A. formosana 1478
A. glutinosa
economics 1409
fertilizers 3376, 6567, 6568, 6569
forest types 3259, 4424
genetics/breeding 1976, 5373, 7550
increment and yield 456, 571, 2780, 5824
injury by, gases and fumes 5978
insect pests
Col. 7636
Hym. 6212, 7650
interplanting in, conifers 3376
litter/humus 5915
management 5824
mixtures 1768
mycorrhiza 2613
nurse to, conifers 1768
nursery management 2712, 4052
nutrition 3376, 7550
physiology 7550
plantations in, Netherlands 4003
plantations on
marginal, waste, degraded land 3376, 3822, 7129
mining wastelands 456, 2613, 6567, 6568, 6569
sand dunes 571
planting methods 1768
planting stock 4052
propagation by cuttings 7129
provenance studies 456, 694, 1244, 4004
regeneration, natural 2153
roots, nodules 488, 489, 490, 491, 492, 3673, 3681
site requirements 5374
soil, fauna 6289
spacing 2780
weed control 5712
A. hirsuta 1415
A. hirsuta sibirica 694
A. hirsuta tinctoria 694
A. incana
insect pests, Hym. 4574
light relations 4327
plantations on
former fields 6580
marginal, waste, degraded land 3822, 3823, 7129
roadsides 3823
watersides 2598
production, biological 7326
propagation by cuttings 7129
roots
nodules 486, 1081
physiology 1081
site requirements 5374
soil, flora 2401
A. inokumae 694, 3079
A. jorullensis 2894
A. nitida 3731
A. rubra
browse 3786
forest types 2594
injury by
gases and fumes 3579
precipitation 3579
litter/humus 2594
nutrition 1084, 5890
plantations on, mining wastelands 1084
provenance studies 694
Alnus rubra *contd.*
soil 3554, 5890
effect on 3188
weedkillers, effect of 3786
A. subcordata 1514
A. viridis 6362, 6365, 6366, 6368, 6369, 6880
***Aloe* spp.** 5166
Aloysia lycioides 4607, 6607
Alsophila pometaria 7612
Alstonia congensis 6518
A. spectabilis 1434
***Alternaria* spp.** 3686
A. alternata 3029, 6873
A. solani 6048
A. tenuis 6885
Alyxia rubricaulis 349
Amanita caesarea 7307
A. muscaria 6171
Amaranthaceae 6800
Amauronematus harpicola 2089
Ambeodontus tristis 1127
***Ambrosiella* spp.** 3720
Ambystoma maculatum 6114
Amelanchier asiatica 2518
A. florida 4238
A. spicata 4238
Ammania baccifera 6634
Amoora cucullata 1434
A. wallichii 4169
Amorpha fruticosa 2849
***Amphidasya* spp.** 4358
Amygdalaceae 4317
Amygdalus (see *Prunus*)
Amylostereum areolatum 3724
Anacardium curatellifolium 372
A. occidentale 256, 1750, 2314, 4138, 5684, 6518
Anaphe venata 4448
Anas discors 6332
Andricus quercuscalicis 7647
Angophora floribunda 3538
Anguilla rostrata 558
A. vulgaris 6095
***Aniba* spp.** 97, 6047
Anisophyllea boehmii 5231
A. pomifera 5231
Anisoplaca ptyoptera 2738
***Anisoptera* spp.** 1493, 7456
***Anisopteroxylon* spp.** 7462
***Annona* spp.** 588
Annonaceae 6767
Anobiidae 3721
Anogeissus leiocarpus 6518
A. pendula 1970
Antechinus flavipes 1140, 7032
A. stuartii 2127
A. swainsonii 2127
Antelope cervicapra 2591
***Anthaxia* spp.** 3725
Anthocephalus cadamba (see *Anthocephalus chinensis*)
A. chinensis 1703
Anthocoris confusus 1114
A. nemoralis 1114
A. nemorum 1114
Antiaris africana 6518
Antidesma frutescens 4371, 4372
Antigastra catalaunalis 2761
Antilocapra americana 6334, 6337
Antilope cervicapra 7025
Apanteles fumiferanae 1556, 1557
Apechthis quadridentatus 7017
Aphis pomi 2834
Apiognomonia errabunda 2498
Apion ghanaense 2947, 4448
Apis dorsata 4965
A. mellifera 2521, 3115
A. mellifica adansonii 2330
Aplodontia rufa 7675
Apodemus flavicollis 1141
A. sylvaticus 1141, 7001, 7247
Aporia crataegi 1115
Aporrectodae tuberculata 1583
***Apuleia* spp.** 2860
Aquifoliaceae 4317
Aquila chrysaetos 6003
Arachnidae 7118
Aradus cinnamomeus 524, 3096
Aralia spinosa 517, 2613
***Araucaria* spp.** 4354
A. angustifolia 4354, 4361
distribution 4845
Araucaria angustifolia *contd.*
forest types 4861
hybrids 4850
measurement tables 7343
measurement, tree and stand 791
plantations in, Brazil 7343
provenance studies 186, 4845, 5610
seed, collection 4787
thinning 4803, 4859
A. araucana 4354, 4850, 7099
A. bidwillii 186, 1560, 4354
A. columnaris 4354, 6518
A. cunninghamii 2154, 4354, 4847, 6601, 6611
genetics/breeding 147
increment and yield 734
injury by, frost 2385
insect pests, Col. 1560
mixtures 2385
nurses for 2385
provenance studies 143, 186
regeneration, natural 734
wood
quality 359
variation with growth factors 359
A. excelsa 2254
A. heterophylla 4354
A. hunsteinii (see *Araucaria klinkii*)
A. imbricata (see *Araucaria araucana*)
A. klinkii 4354
Araucariaceae 4354
Arbutus menziesii 3040
A. unedo 2476, 4043, 6434
***Arceuthobium* spp.** 380
A. americanum 3070
A. douglasii 3070
A. oxycedri 1889, 2525, 3716, 3725
A. pusillum 2060, 4465
A. tsugense 1112, 3070
A. vaginatum cryptopodum 521
Archidendron oblongum 1434
Archips cerasivoranus 4548, 7618
A. crataegana 6248
Archontophoenix alexandrae 2442
A. cunninghamiana 4549
Arctostaphylos glandulosa 4604
A. pungens 5807
A. uva-ursi 3067
Arecastrum romanzoffianum 4549
Argyresthia thuiella 7617
Arhopalus ferus 1122, 2077
A. rusticus 6257
Ariolimax columbianus 2049
Arion intermedius 2391
Armeniaca (see *Prunus*)
***Armillaria* spp.** 4341
A. matsutake (see *Tricholoma matsutake*)
A. mellea (see *Armillariella mellea*)
Armillariella limonea 3684, 3685
A. mellea 982, 4340
assessment 496, 1092
biology and physiology 2020, 2501, 2509, 2510, 6871
control 2510, 2524, 3714, 4118
detection 2510
ecology 482, 500, 1092, 1816, 2020, 2037, 2505, 2511, 3698, 4477, 6780, 6872, 7487
identification 3697
interaction with fungi or bacteria 482
resistance to 2510, 4778, 4844, 5607, 6163
role of wounds 2037
standard 7307
study methods 2501
A. novae-zelandiae 3684, 3685
Arsenura armida 2560
***Artemisia* spp.** 5239
A. tridentata 1890, 4605, 6308, 6879
***Arthrobacter* spp.** 7402
Arthropoda 4276
Arthrosamanea pistaciaefolia 6069
Arundo domax 2609
Arvicola terrestris 6322
Arytania ceanothi 4602
***Ascocoryne* spp.** 3667
A. cylichnium 2032
A. sarcoides 2032
Ascodichaena rugosa 6912
Ascomycetes 3668, 6167, 6168
Asimina triloba 6118
Asphondylia ceanothi 4602
Aspidosperma polyneuron 1698, 4361

Astrocaryum aculeatissimum 253
A. mexicanum 6806
Asynapta keeni 6932
***Atriplex* spp.** 5239, 6518
A. canescens 4603, 5241, 6877
A. confertifolia 6649, 6712
A. halimus 5241
A. hymenelytra 6777
A. lentiformis 5241
***Atta* spp.** 62, 3722, 4693
Atteva fabriciella 4550, 4551, 4594
Aucoumea klaineana 158, 159, 160, 1437, 4460, 6039, 7358
Aulacorthum circumflexum 4537
Aureobasidium pullulans 481, 3029, 6873
Auricularia auricula-judae 2498
Austrocedrus (see *Libocedrus*)
Autranella congolensis 3602
Avicennia intermedia 37
A. marina 2981, 3529, 7505, 7506
A. nitida 6822
A. officinalis 4325
Axis porcinus 5218
Azadirachta indica 1297, 1298, 1483, 2213, 2610, 2761, 3136, 4009, 5202, 5782, 6518
Azanza garckeana 5231
Baccharis rosemarinifolia 5808
***Bacillus* spp.** 7402
***B. thuringiensis*,** control of pests 1137, 3095, 6250, 6251
Bactris gasipaes 588
B. utilis 6211
Baikiaea plurijuga 1016
Balaninus elephas 6626
Balanites aegyptiaca 1970, 6518
***Balanocarpus* spp.** 7456
B. brevipetiolaris 7454
B. heimii 1493
***Balaustium* spp.** 4563
Balfourodendron riedelianum 4079, 5116
Ballia obscurosignata 4589
***Bambusa* spp.** 1940
B. tulda 5232
B. vulgaris 1444, 6028
Bambuseae 6109, 6909
Banksia grandis 3037, 3691
Barbara colfaxiana 1263, 1265, 2072
Basidiomycetes 3722, 6167, 6168
***Bauhinia* spp.** 6518
B. retusa 1936
Beauveria bassiana 2576
B. tenella 3736
***Beilschmiedia* spp.** 4355
B. miersii 5614
B. tawa 2977, 3684, 3685
***Belotia* spp.** 4046
Berberis trifoliolata 4189
B. vulgaris 7298
Bernoullia flammea 2974
Bertholletia excelsa 588
***Betula* spp.**
fertilizers 6397
forest types 6087
injury by, artificial wounding 6033
insect pests 6928
Col. 1117
Hym. 2565, 6224
logging 1894
palaeoecology 2978
plantations on
marginal, waste, degraded land 3823
mining wastelands 6397
roadsides 3823
propagation by cuttings 5640, 6541
weed control 5719, 6720
wildlife 1117
B. alba (see also *Betula pendula*; *Betula pubescens*)
bark, chemistry 2902
browse 4623
calorific value 670
chemical constituents 2904, 6749
coppice 251
diseases and disorders, decay 7558
ecology 1771
economics 1409
fertilizers 1719, 7189
foliage, chemistry 7479
forest types 3259, 6629, 6703, 6704
fruit 5784
fungi associated with 2492
grazing and pasture 6321
Betula alba *contd.*
growth regulators, effect of 7483
hydrology 6380
increment and yield 627, 816, 1719, 1771, 2791, 3249, 3438, 4107, 5824, 7348, 7349, 7357
insect pests 4616
Dipt. 7011
Lep. 4545, 6291, 6292
litter/humus 1885, 3536, 5909, 5915, 5923
logging 7320
management 5824, 6428, 7357
measurement tables 816, 1771, 7349
measurement, tree and stand 1353, 3249, 7320, 7348, 7357
microclimate 7375
mixtures 277, 4107, 7348
mycorrhiza 6875
physiology 4286
plantations on
mining wastelands 4658
peatland 2158
production, biological 277
regeneration, natural 768
resin 6749
resin-tapping 2320
sap 7357
sugar 2904
shelterbelts 7703
site preparation 3775
soil 3248, 6703, 6704
fauna 5923
spacing 3536
stem, form 4164
taxonomy 1771
thinning 816, 3438
underplanting with, conifers 7189
underwood 3536
variation 1771
water relations 3418, 6380
weed control 4623
weedkillers, effect of 2298
wildlife 3775, 4616, 7085
B. alleghaniensis
distribution 7548
fertilizers 3384, 7418, 7419
flowering 2927
foliage, chemistry 400
forest types 828
genetics/breeding 7548
increment and yield 3384, 5755
injury by
gases and fumes 3579
precipitation 3579
insect pests, Lep. 2955
insecticides, effect of 197, 2579, 2955
measurement tables 7312
physiology 400
regeneration, natural 7260
remote sensing 828
reproductive behaviour 7548
seed
germination 197, 2579
treatment 197
silvicultural systems 5765
silviculture 5768
site preparation 7260
taxonomy 7548
thinning 5755
variation 7548
weed control 5768
B. costata 4378
B. ermanii 2459, 4378, 6662, 6819
B. glandulosa 6925
B. lanata 6862
B. lenta 3582, 7336
B. lutea (see *Betula alleghaniensis*)
B. maximowicziana 1264, 7585
B. nana 4327, 7547
B. nigra 458, 2780, 6568, 6569
B. papyrifera
cleaning 6619
control, chemical 7227
fertilizers 2704
forest types 431, 828
injury by, dust 4469
insect pests, Lep. 2070
insecticides, effect of 197
litter/humus 3531, 6706
nutrition 4469, 7507
remote sensing 828
Betula papyrifera *contd.*
roots
quantitative measures 1367
systems, distribution 1367
seed
germination 197
treatment 197
soil 7507
weed control 6619
B. pendula (see also *Betula alba*)
allelopathy 5762
bark
chemistry 1941, 4132
uses 4132
control, chemical 5723
diseases and disorders, canker, bark diseases 7585
distribution 6803
ecology 1515
flowering 1517
foliage 2495
chemistry 1941
fungi associated with 4496
genetics/breeding 1052, 1517, 2483, 5624, 6143, 6161, 7547
hybrids 6862
increment and yield 484, 804, 1052, 4122, 4190
injury by
frost 4238, 6781
gases and fumes 6722
precipitation 2805
insect pests
Hem. 7009
Hym. 6226
leaf, morphology 6161
light relations 1943, 4327, 6057
litter/humus 7404
mixtures 240, 5762
mycorrhiza 484, 2493, 2495, 2613
nursery management 2712, 3393
nutrition 478, 969
phenology 2495, 3457
photosynthesis 6057
physiology 969
plantations on
dry sites 7415
marginal, waste, degraded land 2157, 3822, 7129
mining wastelands 2613
planting stock 3403
pollen 6781
propagation by cuttings 7129
provenance studies 126
regeneration, natural 2153, 2727
resin-tapping 3457
respiration 1943
roots
adventitious 6760
physiology 1942, 1943
systems, distribution 1942
seed, germination 5624
seedlings 371
shelterbelts 3137, 4655, 7705
silvicultural characters 371
silviculture 217
soil 7396
fauna 6289
flora 7404
successional role 7213
variation 478, 6862, 7547
water relations 5929
weed control 5712, 7230
weedkillers, effect of 2741
wildlife 6226
wood, anatomy 6722
B. pendula carelica 793, 1013, 1925, 1926, 1927, 1928, 1929
B. pendula dalecarlica 4238
B. platyphylla schezuanica 617
B. populifolia 4544, 6240, 7616
B. pubescens (see also *Betula alba*)
distribution 6803
fertilizers 211
foliage 2495
chemistry 4321
uses and products 4321
genetics/breeding 5624, 6143, 6161, 7547
increment and yield 211
insect pests
Hem. 6925
Lep. 6925
leaf, morphology 6161

Betula pubescens *contd.*
light relations 4327, 6057
mycorrhiza 485, 2495
nursery management 721, 5716
nutrition 478
phenology 2495
photosynthesis 6057
plantations on, marginal, waste, degraded land 7129
planting 721
production, biological 7326
propagation by cuttings 7129
provenance studies 126
regeneration, natural 2727, 6585
roots, adventitious 6760
seed, germination 5624
successional role 3253, 6585, 7213
variation 478, 7547
water relations 5685
weed control 5716
wildlife 2588
B. pubescens tortuosa 1548
B. raddeana 473
B. tortuosa 2459, 7547
B. verrucosa (see *Betula pendula*)
Bignoniaceae 1506
Bipolaris leersiae 3604
Bischofia javanica 4511, 6816
Bison bison 6337
Bixa orellana 588
Blarina brevicauda 6001
***Blastophagus* spp.** 2087
B. piniperda (see *Tomicus piniperda*)
Bocconia vulcanica 2859
Boletaceae 6881
Boletales 7553
Boletinus cavipes 3021
***Boletus* spp.** 7306
B. edulis 7307
B. granulatus 2496
B. luteus 7307
B. piperatus 6171
Bombacaceae 6800
Bombacopsis quinata 695, 2560, 5448
Bombax ceiba (see *Bombax malabaricum*)
B. costatum 6518
B. malabaricum 1478
***Bombus* spp.** 1577
Bombyx mori 2332
Bonasa umbellus 2592
Borassus aethiopum 1817, 5231, 6518
Boreynia nivosa 6518
Bos javanicus 5218
Boselaphus tragocamelus 4617
Boswellia serrata 1362
Botryodiplodia hypoderma 1995
***Botryosphaeria* spp.** 1999
B. dothidea 2000, 4506, 4507
Botrytis cinerea 3029, 3711, 6873, 6916, 6918
Bourletiella hortensis 526
Bovista nigrescens 3021
Bowkeria citrina 2467
Brachychthoniidae 2818
Brachylaena hutchinsii 2238
Brachymeria intermedia 6954
***Brachystegia* spp.** 1014
B. spiciformis 2238, 2397
Brassolis astyra 4549
Breonadia microcephala 2467
Bridelia ferruginea 1817
B. retusa 5789
Brosimum alicastrum 222, 2894, 2974, 3600, 5237
B. parinarioides 6047
B. utile occidentale 3598
Broussonetia kazinoki 3604
B. papyrifera 3604
***Bruguiera* spp.** 2599
B. cylindrica 2981
B. gymnorrhiza 2981, 4325, 7498, 7506
B. parviflora 2725
B. parvifolia 2981
B. sexangula 2981
Brunchorstia pinea (see *Gremmeniella abietina*)
Bucida buceras 4179
Bufo bufo 7116
Bumelia lanuginosa 4189
Bupalus piniarius 1116, 2074, 2531, 2532, 6216, 6966
Burckella obovata 1434
***Burkea* spp.** 2405
B. africana 1016, 6105
Bursaphelenchus lignicolus 1570, 2569, 3094, 4577, 4578, 4579, 4580, 4581, 6288
Bursera simaruba 5448
Butia capitata 4549
Butyrospermum paradoxum 6518
Buxus microphylla 1189
B. sempervirens 1535, 2269
B. sempervirens suffruticosa 2005
Byrsonima crassifolia 2404
Cacoecia lecheana 3082
C. xylosteana 3082
Caesalpinia echinata 4361
C. ferrea 4361
C. peltophoroides 4361
Cairina scutulata 7025
***Calamus* spp.** 1795, 6792
C. ornatus 4151
C. polystachys 991
Calathus erratus 6210
Callidium violaceum 6225
***Calligonum* spp.** 5239
C. polygonoides 1970, 2609
Calligrapha spiraea 7633
Callirhopalus bifasciatus 6975
Callistemon citrinus 1189
***Callitris* spp.** 6518
C. columellaris 1762, 3776
C. hugelii (see *Callitris columellaris*)
C. intratropica 2154
C. quadrivalvis (see *Tetraclinis articulata*)
C. rhomboïdea 976
Callospermophilus lateralis 5738
Calluna vulgaris 1761, 5701, 5711, 6124
Calocedrus (see *Libocedrus*)
Calocera viscosa 498
***Calomela* spp.** 6977
Calophyllum antillanum 5372
C. brasiliense 3600
C. elatum 1800
C. inophyllum 1478
C. mariae 3598
Caloptilia syringella 7621
***Calospatha* spp.** 6792
Calotermes flavicollis 3727
Calothamnus gilesii 6518
Calycophyllum candidissimum 5372
Calyptorhynchus funereus 2108
***Camellia* spp.** 6483
Campnosperma panamensis 3598
Campoplex frustranae 3729
Canarium schweinfurthii 4311
C. vitiense 1434
Canis lupus 6093
Cantharellus cibarius 7307
***Capparis* spp.** 2861
C. decidua 1970, 3671
C. pringlei 2861
Capra falconeri 3796
C. hircus 7023
C. pyrenaica 2126
Capreolus capreolus 1587, 6125, 6320, 6329, 6339, 6345, 7673
Carabidae 3071, 6981
Carabus arcensis 6210
Caragana arborescens 1165, 1413, 2144
***Caramuri* spp.** 6789
Caranga ambigua 2402
Carapa guianensis 588, 3598, 5797
***Carianiana* spp.** 6047
Cariniana estrellensis 4361
C. pyriformis 695
Carissa carandas 5789
C. grandiflora 1189
***Carpinus* spp.** 2978
C. americana 2894
C. betulus
chemical constituents 2904
coppice 251
ecology 1510
fertilizers 5657
forest types 1514, 4391, 4392, 5819, 6100, 6106
increment and yield 4190, 5657, 5819, 5824
insect pests
Col. 6992, 7637
Hem. 6942
leaf, physiology 979
Carpinus betulus *contd.*
litter/humus 563, 3536, 5915
management 5824
microclimate 666
mycorrhiza 6874
nutrition 666
plantations in, Austria 245, 7262
plantations on, roadsides 2411
production, biological 666
research 666
sap, sugar 2904
silvicultural characters 1930
soil 666
spacing 3536
underwood 3536
water relations 666
C. betulus fastigiata 6541
C. caroliniana 5622, 6112
C. orientalis 1514, 3306, 6436
Carpocapsa reamurana 6626
***Carya* spp.** 228, 1757, 2825, 3516, 5926, 6117, 6255, 6672, 6826
C. cordiformis 6118
C. illinoensis 6156
C. ovata 3579
Caryota urens 4549
Casearia tomentosa 3708
***Cassia* spp.** 6518, 6784, 7500, 7629
C. alata 4139
C. angustifolia 4139
C. didymobotrya 4139
C. fistula 4139
C. glauca 4139
C. grandis 4139
C. hirsuta 4139
C. javanica 4139
C. laevigata 4139
C. marginata 4139
C. multijuga 4139
C. nodosa 4139
C. occidentalis 4139
C. renigera 4139
C. siamea 1478, 4007, 4009, 4139
C. sophora 4139
C. surentensis 4139
C. tora 4139
Cassipourea euryoides 7498
C. gummiflua verticillata 7498
C. malosana 7498
C. mollis 7498
C. mossambicensis 7498
C. obovata 7498
***Castanea* spp.** 2252, 4635
C. crenata 2685, 3597, 4471, 4778, 7640
C. dentata 3597, 4471, 4475, 4476, 6116, 7555, 7588
C. mollissima 3597, 4471, 4475
C. sativa 7321
antibiotics 976
coppice 5208
diseases and disorders 2500
canker, bark diseases 2044
decay 4778
mycoplasmal 2522
root 4778
virus 2522
wilts, dieback 4471
ecology 5469
forest types 2476, 3650
genetics/breeding 3597
habit 3597
historical records 2204
injury by, frost 3597, 4039
insect pests
Col. 6626
Lep. 6626
plantations in
France 4262, 5691
Italy 5208
Portugal 4778
USSR 7286
pollen 3621
propagation by grafting 2249, 4039
seed, pests and diseases 6626
seed orchards 2249
soil
effect on 3532, 4262
flora 7399
Castanopsis argyrophylla 5232
C. armata 5232
C. cuspidata 1963, 7562
C. diversifolia 5232
C. echinocarpa 5232

Castanopsis contd.
C. indica 5232
C. sieboldii 430
C. tribuloides 5232
Castilla elastica 2894
Castor canadensis 1117, 4609
Casuarina spp. 6518, 6832, 6968
C. christata 5955
C. cunninghamiana 5505, 6526, 6527
C. equisetifolia 215, 1599, 1824, 2213, 2214, 2610, 3143, 4007, 4371, 4372, 5372
C. glauca 3821, 6526, 6527
C. littoralis 3538
Catalpa spp. 6518
Catha edulis 7304
Ceanothus greggii 5807
C. sanguineus 4400, 4602
C. velutinus 4400, 5738
Cecidomyia baeri 6284
C. bisetosa 3749
Cecidomyiidae 23
Cecropia spp. 4046, 6047
C. concolor 4367
C. dielsiana 4367
C. distachya 4367
C. engleriana 4367
C. ficifolia 4367
C. francisci 4367
C. latiloba 4367
C. membranacea 4367
C. obtusa 4367
C. obtusifolia 2894, 2914
C. palmata 4367
C. purpurascens 4367
C. sciadophylla 4367
C. silvae 4367
C. surinamensis 4367
C. ulei 4367
Cedrela spp. 529, 5448, 6518
C. mexicana (see *Cedrela odorata*)
C. oaxacensis 6067
C. odorata 152, 153, 155, 156, 3600, 3905, 5372, 6525, 6657
C. salvadorensis 6067
C. tonduzii 6067
C. toona (see *Toona ciliata*)
Cedrelinga catenaeformis 97
Cedrus spp. 2801, 4043
C. atlantica 1119, 1279, 2451, 2497, 3173, 3305, 3307, 4386, 4538, 5177, 5691, 7107, 7579
C. brevifolia 4421, 7107
C. deodara 2363, 2504, 3305, 3306, 3307, 4538, 6484, 6539, 7579
C. libani 1120, 3305, 3306, 3307, 4386, 5177, 6100, 6101, 7107
Ceiba pentandra 3600, 5448, 6518, 7493
Celtis integrifolia 6518
C. laevigata 959, 4189
C. latifolia 1434
C. occidentalis 2434, 2472, 2833
C. pallida 4607, 6607
C. philippinensis 1434
Cenococcum graniforme 1082, 6874
Centrolobium tomentosum 4361
Cephaelis ipecacuanha 588
Cephalcia abietis 7648
C. lariciphila 1628, 7001, 7643
Cephalenchus emarginatus 547
Cephaleuros parasiticus 6209
Cephalophus monticola 2117
Cephalosphaera usambarensis 2238
Cerambycidae 6926, 6994
Cerambyx cerdo 2079, 6275
Cerasus vulgaris 1941
Ceratobasidium spp. 6916, 6918
Ceratocystis fagacearum 1099, 2041, 3068, 3699, 7555, 7580
C. fimbriata 2498, 3229
C. fimbriata platani 2039, 6192
C. montia 4571
C. ulmi
anatomy, morphology 6894, 7584
biochemical activity 7584
biology and physiology 503, 1998, 2004, 3053, 4473, 4504, 4505, 6894, 7581, 7583
control 3701, 3702, 3710, 3834, 4492, 4554, 4555, 4556, 6191, 6194, 6208, 7583
damage by 7085
Ceratocystis ulmi contd.
ecology 482, 504, 2513, 3054, 3856, 4505, 4553, 4554, 4555, 4556, 4559, 4564, 6191, 6895, 7583
interaction with fungi or bacteria 482
laboratory culture 2004
resistance to 1987, 2038, 2040, 6194, 6196, 7582, 7583
review 6194
study methods 6208
Ceratoides lanata 6649
Ceratolobus spp. 1795, 6792
Ceratonia siliqua 2323, 5211, 5239, 6099
Ceratozamia mexicana 4334
Cercidiphyllum griffithi 7172
C. japonicum 1499
C. magnificum 1499
Cercis spp. 597
C. canadensis 3488, 7135
C. occidentalis 6965
C. siliquastrum 2432, 3345
Cercocarpus spp. 488
C. betuloides 4604
Cercoseptoria pini-densiflorae 69
Cercospora spp. 4893
C. pini-densiflorae 2053
Ceriops decandra 2981
C. tagal 2981, 4325, 7498, 7506
Cerocephala rufa 4558
Certhia macrodactyla 6312
Cervus canadensis 2364, 7663, 7664, 7668, 7670
C. canadensis nelsoni 7665, 7666, 7669, 7671, 7672
C. canadensis roosevelti 6671
C. elaphus 1015, 1581, 3886, 4608, 4619, 4620, 4626, 6319, 6337, 6428, 7673
C. elaphus hanglu 7025
C. elaphus scoticus 556
C. nippon 7678
C. unicolor niger 5218
Chaenomeles sinensis 2518
Chaetendophragmiopsis 2017
Chalchophora mariana 6213
Chamaecyparis formosensis 6717
C. lawsoniana 499, 1127, 3331, 5700, 6184, 6717, 6892
C. lawsoniana 'Ellwoodii' 2709, 7593
C. obtusa
cytology 471
fertilizers 2699
flowers 7490
foliage, chemistry 4330
increment and yield 2699, 4274, 4283
injury by, gases and fumes 4274
litter/humus 4243, 7322
pollen 471
production, biological 1373, 3483, 4243, 7322
reproductive behaviour 7490
respiration 3483
seed production 7490
stand structure 3469
wind, resistance 1415
wood, anatomy, growth rings 4283
C. obtusa formosana 6717
C. obtusa × *C. pisifera* 471
C. pisifera 471
C. taiwanensis (see *Chamaecyparis obtusa formosana*)
C. thyoides 2989, 2990
Chamaedora tepejilote 2974
Chamaerops humilis 4549
Chanos chanos 2599
Cheiropachus colon 4558
Chimonobambusa jaunsarensis 6022
Chlorophora excelsa 130, 1453, 2154, 2238, 3347
Chloroscypha seaveri 3707
Chondrostereum purpureum 1078, 3171
Choriotis nigriceps 7025
Choristoneura spp. 1557
C. fumiferana
attractants 2542, 6969
biology and ecology 528, 1554, 2068, 2544, 2954, 3085, 4530, 4546, 6216, 7613, 7615
control 319, 1553, 1556, 2068, 2406, 2542, 2955, 3083, 3084, 3751, 3753, 4542, 4584, 4592, 4593, 4596, 4880, 6244, 6956, 7611
damage by 1555, 6253
dispersal 2528, 2542, 2544
Choristoneura fumiferana contd.
parasites and predators 1556, 3239, 3751, 4530, 4585, 6924, 7618
population studies and surveys 1554, 2071, 3239
study methods 1627, 5516
systems analysis and simulation 2544, 3239
C. murinana 7017
C. occidentalis 550, 1557, 1578, 2530, 5422, 6216, 6306, 6948, 6949
C. pinus 4530
Chrysalidocarpus lutescens 4549
Chrysobalanus icaco 256
Chrysobothris solieri 6213
Chrysomyxa arctostaphyli 3067
Chrysophtharta bimaculata 4341
Chrysophyllum spp. 2466
Chrysothamnus nauseosus 6877
Chukrasia tabularis 2154, 6518
Ciboria batschiana 2500, 7246
Cicada spp. 1103
Cimbex femorata 6226
Cinara cedri 4538
C. pilicornis 6939
Cinchona spp. 2333
C. ledgeriana 2517
Cinnamomum spp. 4355
C. cassia 964
C. zeylanicum 2333
Citrus spp. 1126, 3022
C. sinensis 613
Cladonia alpestris 999
C. rangiferina 999
Cladosporium spp. 6873
C. gallicola 3703
C. herbarum 1570
Cladrastris platycarpa 2971
C. shikokiana 2971
Claycopteris floribunda 5789
Clematis grossa 2894
C. vitalba 4313
Clerodendrum inerme 4325
Clethrionomys gapperi 3119, 4610
C. glareolus 3126, 7001, 7247
C. rufocanus 3795
Clidemia hirta 253
Clusia spp. 4418
Cnethocampa pityocampa (see *Thaumetopoea pityocampa*)
Coccoidea 2556
Coccoloba diversifolia 4179
Cochliobolus carbonum 7591
C. miyabeanus 6048
Codiauum variegatum 6197
Coffea arabica 1602
Cola spp. 7494
Colaptes auratus 4527
Coleophora fuscedinella (see *Coleophora serratella*)
C. laricella 530, 2642, 5422
C. serratella 6293
Coleoptera 1132, 2529, 6980, 6986, 7631, 7637
Collembola 1274, 2817, 2818, 2820, 2821, 7105
Colletotrichum acutatum pinea 69
Colliguaja odorifera 5808
Colophospermum mopane 5918
Colubrina texensis 4607
Colutea × *media* 1247
Combretaceae 994, 2863
Combretum spp. 4142, 6518
C. apiculatum 4633
C. caffrum 2467
C. collinum 4142, 4633
C. collinum hypopilinum 4142
C. erythrophyllum 4142
C. fragrans 4142
C. hartmannianum 4142
C. molle 4633
C. psidioides 4142
C. zeyheri 4633
Commiphora africana 4633, 6518
C. wightii 1970
Compositae 2858, 6800
Condalia obtusifolia 4607
Confertobasidium olivaceoalbum 1996
Connaraceae 6800
Conocarpus lancifolius 2213, 2610
Conophthorus ponderosae 6932
C. resinosae 6061
Contarinia baeri 6285

Contarinia contd.
C. inouyei 7651
C. oregonensis 1265
C. pseudotsugae 549
C. washingtonensis 1265
Contortylenchus pseudodiplogaster 2577
Convolvulaceae 6800
Copaifera reticulata 4026
Copernicia cerifera 6518
Coprosma spp. 4375
C. mensiesii 3036
C. pyrifolia 4397
Coptoformica spp. 4591
Coptotermes spp. 3075
C. heimi 7605
Cordeauxia edulis 6628
Cordia spp. 6047
C. alliodora 463, 695, 2154, 2974, 4046, 5206
C. dichotoma 1478, 1970
C. glabrata 4349
C. myxa 4617
C. rothii 1970
C. sinensis 6518
C. trichotoma 4349
Cordyla africana 5231, 6518
C. pinnata (see *Cordyla africana*)
Cordyline indivisa 1189
Coriaria myrtifolia 3024
Coriolus versicolor
control 2029
ecology 1078
interaction with fungi or bacteria 1078
study methods 1078
Cornus alba 6723
C. disciflora 2895
C. excelsa 2895
C. florida 881, 1546, 2613, 2895, 3579, 4257
C. mas 7298
C. sanguinea 1167
C. sericea 600
C. stolonifera 592, 593, 602, 1999, 2000, 4506, 7226
Coroebus fasciatus 7639
Corticium bicolor 1082
C. salmonicolor 4511
Cortinarius armillatus 2493
Corylus spp. 1757, 6023
C. avellana
bacteria associated with 6206
control, chemical 5723
diseases and disorders 4516
mycoplasmal 2522
virus 2522
fruit 1344, 7298
light relations 4327
litter/humus 2391, 5915
plantations on, marginal, waste, degraded land 6091
shelterbelts 7706
variation 1344
C. colurna 1931, 6020
C. cornuta 5737, 7227
C. maxima 2522, 4135
Coryne sarcoides 4503
Coryneum cardinale 2516
C. kunzei 7580
Corythucha ciliata 2555, 2642, 3234
Cossonus spp. 6273
Cotoneaster congestus 2269
C. pyracantha 1167
C. salicifolia 2411
Cotylelobium spp. 7456
Couma macrocarpa 6047
Couratari spp. 6047
Crataegus spp. 1619, 2613, 4316, 4522, 7085, 7298
C. curvisepala 5787
C. monogyna 1167, 2834, 5723, 7129, 7706
C. oxyacantha 2518
C. pubescens 2323
Crematogaster longispina 6211
Criocephalus rusticus 6213
Cristulariella pyrimidalis 6203
Crocodylus palustris 6326
Cronartium spp. 3067
C. comandrae 2015, 3057
C. comptoniae 2049, 3067
C. flaccidum 2052
C. fusiforme
assessment 6200
Cronartium fusiforme contd.
control 1111, 2014, 6899
ecology 620, 2262, 5616, 7555
resistance to 513, 1104, 2051, 4478, 6198, 6902
study methods 513
C. quercuum 4508
C. ribicola
biology and physiology 1100, 2049, 3033, 3034
control 507, 1100
ecology 3698
physiological effects 1100
Crossopteryx febrifuga 1817
Crossotarsus externe-dentatus 2084
Crotalaria pallida 6537
Croton cajucara 256
C. lechleri 1347
C. macrostachys 4633
C. megalocarpus 4633
Crumenulopsis sororia 2050, 6900
Cryptocarya spp. 4355
C. alba 5614, 5808
Cryptococcus fagi 2045, 2046, 2534, 3619
C. fagisuga 4512, 6237, 6898, 7280
Cryptodiaporthe populea 2491
Cryptolepis buchanani 5789
Cryptomeria japonica
buds 1979
diseases and disorders
decay 4844
foliage and shoot 3707
root 4844
distribution 3641
economics 1408
embryo culture 3613
foliage, chemistry 472, 4252
genetics/breeding 1979, 4844, 5359
increment and yield 1326, 1384, 3905, 5359
injury by
frost 1979
gases and fumes 1895
insect pests
Col. 1127
Dipt. 7651
light relations 2915
measurement, tree and stand 267, 295, 3472
nutrition 4252, 5959
phenology 3608
physiology 2915
pollination 1022
propagation by cuttings 1715, 4036
provenance studies 186, 5359
pruning 1326
reproductive behaviour 1489, 2966, 2967
seed orchards 1022
seed production 2966
soil 2915
stand structure 3469
stem, form 1944
variation 472, 5359
water relations 2915, 3608
wind, resistance 1415
wood
anatomy 1895
reaction wood 1944
Cryptostigmata 1274
Cryptostroma corticale 2514
Cryptotermes brevis 4534, 4535
C. havilandi 4534
C. merwei 4534
Cryptothelea crameri 2557
Crypturgus mediterraneus 6213
Ctenarytaina eucalypti 2083
Ctenopharyngodon idella 1589, 2141
Cudrania cochichinensis 3604
C. tricuspidata 3604
Cunninghamia konishii 5359
C. lanceolata 1438, 1532, 5359, 6483
Cupressocyparis leylandii 2708, 7706
Cupressus spp. 3306, 3600
C. arizonica 2289, 2497, 3331, 4043, 7579
C. atlantica 7107
C. dupreziana 7107
C. forbesii 947
C. lindleyi (see *Cupressus lusitanica*)
C. lusitanica 49, 70, 142, 144, 275, 467, 619, 1531, 2285, 2348, 2419, 3329, 3350, 3386, 3399, 3400, 3479, 3905, 3998, 4006, 4011, 4333, 5603, 5610, 5659, 6131, 6132, 6518, 6834, 7316
Cupressus contd.
C. macrocarpa 1127, 1164, 3093, 7579
C. sempervirens 213, 214, 1120, 1514, 2497, 2516, 2734, 3305, 4043, 4376, 4386, 4421, 6099, 7107, 7579
C. torulosa 3331
Curatella americana 2404
Curculionidae 7441
Cussonia barteri 1817
Cyathea spp. 4375
Cycas revoluta 4334
Cyclophragma spp. 6963
Cydia spp. 3085
Cydonia oblonga 2518, 7298
Cylindrocarpon destructans (see *Nectria radicicola*)
C. didymum 3704, 6885
Cylindrocladium destructans 1540
C. pteridis 69
C. scoparium 1540, 2499
Cylista scariosa 5789
Cymbopetalum baillonii 2974
Cynometra retusa 2974
Cyphomandra betacea 3151
Cyprinus carpio 2141, 3798, 6738
Cytisus monspesulanus 5698
Dacrycarpus spp. 4375
D. dacrydioides 1127
Dacrydium bidwillii 331
D. colensoi 4375
D. cupressinum 729, 733, 1127, 1290, 3408, 3684, 4375
Dactyladenia spp. 4356
Daemonorops spp. 1795, 6792
D. ursina 991
Dahlbominus fuscipennis 3747
Dalbergia spp. 145
D. melanoxylon 2238, 6518
D. nigra 1738
D. sericea 7591
D. sissoo 1298, 3778, 3818, 4617, 6518, 6527, 6667
D. volubilis 5789
Daldinia concentrica 2509
Daniellia spp. 6518
Daphne spp. 2896
Dasineura spp. 7011
D. gleditchiae 7012
D. rachiphaga 3085
Dasychira spp. 3735
Dasyscypha pini 509
D. willkommii (see *Trichoscyphella willkommii*)
Datisca glomerata 7476
Datiscaceae 7476
Dehaasia spp. 4355
Delonix regia 6518
Dendragapus obscurus 6354
Dendrobaena octaedra 1583
Dendrocalamus strictus 2512, 5621
Dendroctonus brevicomis 536, 4530, 6277, 6278
D. frontalis 7627
attractants 6266, 6280, 6991, 6997
biology and ecology 536, 1128, 1131, 1563, 3719, 3743, 3744, 4530, 6261, 7628, 7630
control 540, 2551, 2552, 3743, 4528, 6995
damage by 581, 1128
detection 540
dispersal 2551
forecasting 1128, 1131
fungal associates 3719
host relations 7630
parasites and predators 2551, 2552, 4528, 4530, 4562, 4563, 6298
population studies and surveys 536, 1131, 6261, 7628
resistance to 3744
study methods 1128, 4525, 6266
systems analysis and simulation 3744
trapping 1131, 6280, 6298, 6997
D. micans 1561, 2535, 3088, 6993, 7636
D. obesus (see *Dendroctonus rufipennis*)
D. ponderosae
biology and ecology 6262, 6996
control 6982
fungal associates 4571, 4572
D. pseudotsugae 2082, 6260, 6984, 7638
D. rufipennis 541, 2082, 4530, 6974, 7626
D. terebrans 68
D. valens 68

***Dendrolimus* spp.** 6963
D. kikuchii 6963
D. pini 2074, 4533, 6228
D. punctatus 6963
D. sibiricus 3752
D. spectabilis 4280, 4541, 4586, 4587, 6945, 6951, 6963
D. superans 3072, 6299, 6961, 6963
D. tabulaeformis 6963
Dendrosoter protuberans 4558
Denrocopus major 7114
Derris scandens 5789
***Detarium* spp.** 6518
Dialium engleranum 5231
D. guianense 3600
Dialyanthera gracilipes 3598
Diaporthe alleghaniensis 7585
Diathrombium diaphane 4562
Dichrostachys cinerea 6518
***Dicksonia* spp.** 4375
Diclidophlebia eastopi 7658
D. harrisoni 7658
Dicotyles tajacu 6337
Dicuspiditermes nemorosus 27
Didymopanax morototoni 6047
***Dioryctria* spp.** 3085, 5322, 6213
D. abietella 198, 6932
D. abietivorella (see *Dioryctria abietella*)
D. auranticella 6932
D. diclusa 6061
D. sylvestrella 43
D. zimmermani 6061
***Diospyros* spp.** 1757
D. bipindensis 6046
D. cinnabarina 6046
D. ferra 1358
D. kirkii 5231
D. melanoxylon 2452, 6634
D. mespiliformis 6518
D. obliquifolia 6046
D. peregrina 6816
D. texana 4189, 4607
Diplodia gossypina 2952
D. pinea 69, 502, 506, 983, 3055, 3700
Diploon cuspidatum 6078
Diplothemium maritimum 253
***Diprion* spp.** 43
D. hercyniae (see *Gilpinia hercyniae*)
D. nipponica 3748
D. pini 2074, 2541, 4533, 7641, 7649, 7659
D. similis 6929
Diptera 1132
Dipterocarpaceae 1391, 1986, 3644, 4387, 4819, 5462, 6790, 6800, 7444, 7445, 7446, 7448, 7450, 7452, 7453, 7455, 7457, 7458, 7459, 7460, 7461
***Dipterocarpoxylon* spp.** 7462
***Dipterocarpus* spp.** 19, 1493, 7449, 7451, 7456
Dirhabdilaimus leuckarti 2573
Discoglossus pictus 7116
***Distemonanthus* spp.** 2860
Dodonaea viscosa 6518
***Dolichovespula* spp.** 3117
***Dombeya* spp.** 7494
***Doona* spp.** 7454
Dothichiza populea 119
Dothiorella dothidea 1097
D. quercina 7580
***Dothistroma* spp.** 2024
D. pini (see *Scirrhia pini*)
Drepanospihum platanoidis 3237
Drimys confertifolia 4397
D. winteri 1975
***Dryobalanops* spp.** 7449, 7456
***Dryobalonoxylon* spp.** 7462
Dryocoetes autographus 539, 1117, 1121
Dryocopus martius 7114
D. pileatus 4527, 4528, 4529, 6114
Dryocosmus kuriphilus 7640
Duabanga grandiflora 4170
Dugong dugon 3780
Duomitus ceramicus 3732
***Durio* spp.** 1445
Dysaphis sorbi 7009
***Dysoxylum* spp.** 1434
D. malabaricum 4168
Ebenopsis flexicaulis 6069
Ekebergia benguelensis 7495
E. capensis 7495
Elaeagnus angustifolia 959, 1165, 2043, 3822, 6723
E. commutata 5866
***Elaeagnus* contd.**
E. pungens 1189
E. umbellata 456, 594, 2613, 3023, 6568, 6569, 7255
Elaphomyces anthracinus 6874
Elatinaceae 6800
Elatobium abietinum 527, 1551, 4539, 6235, 6236, 7606
Elephas maximus 1605
Elliottia bracteata 408
E. paniculata 408
E. pyroliflora 408
E. racemosa 408, 6098
Empoasca vitis 7609
Encephalartos umbeluziensis 4334
Enchytraeidae 1274, 2817
***Endiandra* spp.** 4355
Endlicheria verticillata 4322
Endocronartium harknessii 67, 2001, 2049, 3703, 4495
Endogone fasciculata 597, 7135
Endomycopsis platypodis 3052
Endothia gyrosa 2003
E. parasitica 2044, 4471, 4475, 4476, 6116, 7555, 7588
Engelhardtia mexicana 6810
Entada africana 6518
Entandrophragma caudatum 7495
E. utile 130
Entedon leucogramma 4558
Enterolobium cyclocarpum 3600
***Entomosporium* spp.** 2518, 6906, 7590
***Eperua* spp.** 4419
E. leucantha 4261
Ephedra 428
Ephreda nebrodensis 2247
Epiblema tedella (see *Epinotia tedella*)
Epicoccum nigrum 3029
E. purpurascens 6873
Epilampra irmleri 3551
Epinotia indecorana 6925
E. tedella 6947, 7619
Epipona emerini 2561
Equus hemionus khur 7025
Erannis defoliaria 3113
Eremotermes paradoxalis 2065
Ergates faber 6213
Erica arborea 6434
Ericaceae 2632
Ericales 4402
Erigonum fasciculatum 4604, 5807
Eriobotrya japonica 2518
Eriodendron pentandrum 6207
***Eriophyes* spp.** 7021
Erwinia rubrifaciens 3032
E. salicis 1108, 1109, 1110, 3069
Erynnia fortricis 3729
Erysiphaceae 6202
***Erythrina* spp.** 4353
E. folkersii 2974
E. senegalensis 6518
Erythrophleum guineense 6518
Eschweilera grata 2477
Esenbeckia leiocarpa 4361
Esox lucius 2141, 3799
E. masquinongy 3799
Espeletiiae 2858
Eucallipterus tiliae 6940, 7607
***Eucalyptus* spp.**
anatomy 6073
book 3623
browse 6346
calorific value 6514
control, chemical 1760
coppice 4060, 4061
diseases and disorders 2017, 2024
decay 2036
foliage and shoot 4515
root 2036, 3691, 3692
distribution 6081
ecology 1937, 1968
economics 1398
farm woodlands 3217
fertilizers 1298, 3356, 3381, 5623, 5660
foliage, chemistry 6048
forest types 432, 3538, 3797, 6802
fuel plantations 1243
general information 4346, 4347, 6070
genetics/breeding 168, 477, 678, 679, 684, 686, 687, 1525, 1905, 3656, 5363, 5366, 5605, 6831
hybrids 687
***Eucalyptus* spp.** *contd.*
increment and yield 3381, 3507, 5363, 5366
insect pests
Col. 3740, 3741, 4895, 6279, 7654, 7655
Lep. 43
irrigation 5623
leaf, morphology 263
litter/humus 3534, 3535
management 2414
morphology 6073
nursery management 2272, 2278, 3396, 7200
nutrition 3356
oils 6283, 6346
ornamental value 1937
plantations in
Africa 6518, 6597
Africa, tropical 1298
America, South 3270
Angola 1248
Asia, South-East 774
Australia 1250, 4114
Brazil 4010, 4056, 6496
India 3589
Indonesia 3599
Italy 5370
Nigeria 4011
Pakistan 4771
Portugal 1968
Spain 218
Tanzania 4009
propagation by air layering 1020
propagation by cuttings 688, 1020, 5645, 7186
propagation by grafting 1020
provenance studies 145, 161, 162, 678, 684, 3326, 4009, 4011
pruning 2304, 5759
regeneration, artificial 4056
remote sensing 4209
reproductive behaviour 445
seed production 3959, 5623
shelterbelts 1164
silviculture 3599
site preparation 4084, 4085
soil, effect on 843
spacing 1298
thinning 5366
transpiration 7416
variation 477, 1905
weed control 2299
weedkillers, effect of 2299
wildlife 2106, 2107, 2127
***E.* (*Dumaria*)** 6079
E. acies 6007
E. alba 177, 680, 1699, 3599, 4009, 4820, 5610, 6844, 7174
E. alba* × *E. camaldulensis 680
E. alba* × *E. tereticornis 680
E. alba* × *E. urophylla 1250
E. amygdalina 3395
E. astringens 5505
E. baladoniensis 6013
E. barberi 2973
E. baxteri 2426, 3036
E. beardiana 406
E. bicostata 164
E. blakelyi 3740
E. botryoides 3395, 4853, 4854, 5505
E. brassiana 1250
E. bridgesiana 255
E. brookerana 2973
E. calophylla 1147, 3036, 3135, 5799, 5967, 7125
E. camaldulensis
coppice 814, 4794, 4802
ecology 4371
fertilizers 1298, 5505
genetics/breeding 146, 171, 682, 3020, 6841, 6842
grazing and pasture 5210
honey/nectar 255
hybrids 680, 6842
increment and yield 215, 814, 1297, 4371, 4372, 4601, 4678
management 814
measurement tables 814, 4166, 4678
nursery management 215, 1296, 3399
physiology 613
plantations in
Africa 1750, 5202

Eucalyptus camaldulensis *contd.*
plantations in *contd.*
Africa, tropical 1296, 1297, 1298
arid regions 2732, 3136, 5202
Australia 1250
Brazil 7174
Chile 5614
Egypt 6527
Israel 4794
Sri Lanka 5537
Tanzania 4009
Thailand 5210
Upper Volta 6588, 6589
plantations on
erodible sites 2213
grassland 4372
roadsides 2213
sand dunes 2213, 4601, 6527
planting methods 2284, 5614
planting season 6589
planting stock 1296, 1750, 6588, 6589
production, biological 4371
provenance studies 171, 190, 682, 683, 685, 691, 3330, 4009, 5609
silvicultural characters 1297
spacing 1298
stump 4802
water relations 4794
E. cerasiformis 406
E. cinerea 255, 3395, 7174
E. citriodora 146, 190, 682, 1024, 1269, 1297, 1333, 1699, 3036, 3330, 4009, 5505, 5609, 5610, 7174
E. cladocalyx 255, 5505
E. cladocalyx nana 7416
E. clelandii 5955
E. cloeziana 535, 1250, 3395
E. crenulata 5505
E. cypellocarpa 535, 5505
E. dalrympleana 2253, 5649, 7549
E. dalrympleana × ***E. gunnii*** 1991, 7173
E. deanei 3395
E. decaisneana 682
E. deflexa 6014
E. deglupta 774, 1250, 1658, 2771, 3599, 3745, 4115, 4511, 5369, 6844, 6931
E. delegatensis 535, 1752, 2253, 2789, 3395, 4515, 7285
E. diversicolor 477, 1140, 1596, 1725, 2589, 2706, 5614, 5799, 5908, 5967, 6533, 6592, 6750, 6751, 7032
E. dives 2427, 6986
E. drepanophylla 6638, 6668
E. dunnii 190, 4033
E. effusa 6015
E. elata 3395
E. fastigata 535, 3395, 5614, 5677
E. fibrosa 6011, 6638
E. fibrosa nubila 6012
E. filicifolia 1032, 7133
E. fraxinoides 5677
E. fruticetorum 5614
E. georgei 406
E. gittinsii 406
E. globoidea 255
E. globulus
burning, controlled 1922
control, chemical 4093
coppice 814
diseases and disorders, foliage and shoot 2057
economics 4788
fertilizers 4040, 5505
foliage, chemistry 3574
genetics/breeding 164
hydrology 7687
increment and yield 814
management 814
measurement tables 814, 1333
measurement, tree and stand 7311
plantations in
Chile 5614
Colombia 1714
Ethiopia 3998
India 1333
Spain 1922
planting methods 5614
production, biological 4788
provenance studies 164, 5610
regeneration, natural 4788
seed, grading, quality 1714
seed orchards 1714
silviculture 1333

Eucalyptus globulus *contd.*
soil
effect on 7393
flora 7399
transpiration 7416
E. globulus bicostata 7285
E. gomphocephala 2855, 5614
E. grandis
diseases and disorders
canker, bark diseases 4511
complex or unidentified 2446
fertilizers 2695, 5505, 5659
genetics/breeding 477, 1074, 1077, 1412, 4820, 6836, 6845
grazing and pasture 5210
growth regulators, effect of 7465
honey/nectar 255
increment and yield 4193, 4765
injury by
birds 2108
frost 1412
insect pests
Col. 535, 2083
Lep. 2108
measurement tables 1333, 3497, 4166, 4193
nursery management 1275, 1736, 3395
plantations in
Brazil 7174
Ethiopia 3998
India 1333
Nigeria 4011
South Africa 5677
Thailand 5210
Zambia 4816
pollination 1074
propagation by grafting 709, 1074, 1077
propagation by setts 4033
provenance studies 190, 1699, 1700, 3330, 4011, 5610
seed, collection 3395
seed orchards 7178
seed production 709, 4820
silviculture 1333
site quality 4765
spacing 5805
stand density 5805
variation 477, 1988, 4820
water relations 5931, 7465
E. grandis × ***E. neglecta*** 2253
E. grandis × ***E. tereticornis*** 6146
E. gunnii 1991, 2253, 2258, 5649, 7173
E. gunnii × ***E. urnigera*** 1991
E. gunnii × ***E. viminalis*** 1991
E. johnsoniana 406
E. johnstonii 7173
E. kirtoniana 7174
E. kombolgiensis 1498
E. koolpinensis 1498
E. leptocalyx 6079
E. leucophloia 6016
E. leucoxylon 2972, 5505
E. lucens 1498
E. macarthuri 3395
E. macrorrhyncha 6111, 6986
E. maculata 170, 255, 477, 1252, 1699, 2083, 3311, 3330, 3395, 5505, 6638, 7174, 7178, 7480
E. maidenii 164, 535, 3395, 3998, 5614, 6041
E. marginata 1098, 1149, 1150, 1596, 3036, 3037, 3135, 3806, 4531, 5799, 5908, 7032, 7125, 7443
E. melanophloia 3136
E. melliodora 255
E. merrickiae 6079
E. micrantha 7401
E. microcarpa 239
E. microcorys 477, 535, 797, 1699, 3036, 3330, 3395, 6668
E. microtheca 2148, 2345, 4009, 5609
E. miniata 3861
***E.* 'Mysore hybrid'** 2309, 4160, 4194, 4645, 5803
E. naudiniana 5372
E. nesophila 1250, 3861
E. nitens 1752, 2083, 3019, 3395, 6153, 7285
E. nova-anglica 3395, 5605
E. obliqua
diseases and disorders
complex or unidentified 4341
decay 3036

Eucalyptus obliqua *contd.*
diseases and disorders *contd.*
root 3036, 4341
insect pests, Col. 535, 4341
litter/humus 3569
measurement, tree and stand 7311
nutrition 3569
soil 3569
E. occidentalis 2732, 5505
E. oleosa 3136
E. oreades 535, 3395
E. ovata 2973, 3666
E. paliformis 6008
E. panda 6010
E. paniculata 255, 493, 494, 535, 1699, 1711, 4009, 7174
E. papuana 4009
E. pauciflora 2253, 4259, 5649
E. pellita 190, 1250, 6845
E. pilularis 169, 535, 1701, 3036, 3395, 6583, 6668
E. platycorys 6079
E. platyphylla 3599, 6844
***E. platyphylla* 'PF1'** 4846
E. polyanthemos 255
E. polybractea 1794
E. prominens 6017
E. propinqua 4820
E. pseudo-globulus 164
E. pumila 6073
E. punctata 3789, 7174
E. pyrocarpa 6009
E. quadrangulata 3395
E. radiata 6986
hydrology 1597
E. regnans
diseases and disorders
complex or unidentified 4341
root 4341
flowers 3620
genetics/breeding 2682
growth regulators, effect of 392
hydrology 6391, 7690
increment and yield 2770, 5823
insect pests, Col. 4341
measurement tables 2770
measurement, tree and stand 7311
plantations in
Australia 1752
Chile 5614
Ethiopia 3998
planting methods 5614
provenance studies 2682
site preparation 7285
variation 2682
E. resinifera 5614, 7174
E. robusta 130, 255, 1250, 1478, 1699, 3036, 3330, 5610, 6714, 7174, 7465
E. rossii 6111
E. rubida 255
E. rudderi 6006
E. rummeryi 3395
E. saligna
age estimation 6657
coppice 2416
diseases and disorders
decay 3036
root 3036
fertilizers 5505
genetics/breeding 477, 1412, 4820
growth regulators, effect of 7465
honey/nectar 255
increment and yield 1801, 4866
injury by, frost 1412
insect pests, Col. 535
lignotubers 1412
logging 2416
measurement tables 1801
measurement, tree and stand 4866, 6641
microclimate 5988
nursery management 3395
plantations in
Brazil 7174
Ethiopia 3998
Indonesia 3599
propagation by grafting 4837
provenance studies 190, 1699, 3330, 3599, 5610
seed
collection 3395
extraction 1713
germination 4024, 4831
storage 4831

Eucalyptus saligna contd.
seed contd.
treatment 4024
seed production 4820
silviculture 3599
underplanting in, broadleaved species 130
variation 477, 4820
water relations 7465
wood, variation with growth factors 5988
E. sideroxylon 255, 2883, 3036
E. sieberi 501, 3036, 6584
E. signata 4263
E. smithii 3395
E. tereticornis 146, 190, 680, 682, 1250, 1333, 1699, 1988, 2732, 3330, 3395, 3399, 4009, 4511, 5609, 5961, 6840, 6841, 7174, 7178, 7393
E. tereticornis '12ABL' 4846
E. tessellaris 3136
E. tetrodonta 1250, 3861
E. torelliana 4511
E. trivalva 5955
E. umbra 4263, 6005
E. urnigera 7173
E. urophylla 177, 190, 681, 3454, 3599, 4033, 6845
E. viminalis 255, 1432, 3330, 3395, 4660, 5505, 5605, 5610, 5731, 6986, 7173
E. wandoo 3806, 7416
Eucosma monitorana 6061
E. ponderosa 6932
Eugenia brasiliensis 253
E. cabelludo 253
E. maire 1501
E. onesima 1434
E. pitanga 253
E. tierneyana 1434
Eulachnus brevipilosus 6363
Euonymus spp. 6541
E. europaeus 2687
E. japonicus 544, 1189
Euphorbia pulcherrima 2274
Eupithecia abietaria 6241
E. abietaria debrunneata 6241
E. bilunulata 6241
E. pini 6241
E. strobilata 6241
Euproctis chrysorrhoea 1137, 6219, 6251, 7014, 7015
E. terminalis 2601
Eurya japonica 3527
Eurytoma squamosa 4602
Eutamias amoenus 5738
Eutrombicula splendens 4563
Eutypella parasitica 508
Euzophera ostricolorella 4543
Evetria buoliana (see *Rhyacionia buoliana*)
Excoecaria agallocha 7506
Exenterus abruptorius 3747
Fagara mayu 4397
Fagus spp. 5679, 5719, 5768, 7312
F. crenata
litter/humus 4243
physiology 4339
production, biological 4243
seed
germination 4017
treatment 4017
F. grandifolia
diseases and disorders, canker, bark diseases 2045, 2047, 4512, 6237
fertilizers 3384, 6559
forest types 6115, 6118
increment and yield 3384
injury by
gases and fumes 3579
precipitation 3579
insect pests
Hem. 2045, 2047, 4512, 6237
Lep. 6240, 7616
production, biological 6559
soil, fauna 3555
stand structure 1006
underwood 1005
F. moesiaca (see *Fagus sylvatica*)
F. orientalis
ecology 5469
flowers 2487
forest types 6100, 6101
fruit 7298
genetics/breeding 2487, 6159
Fagus orientalis contd.
increment and yield 7331
measurement tables 7331
mixtures 7331
provenance studies 1255
regeneration, natural 2726
variation 1255, 2487
F. sylvatica
bark
anatomy 847, 1939
chemistry 847, 1939
decomposition 847
chemical constituents 1893, 2905, 6863
conversion of stands 220
coppice 220, 815, 2192, 5345
dendrochronology 6034
diseases and disorders 3171, 7397
canker, bark diseases 2045, 2046, 3058, 3619, 6237, 6898, 6912, 7280
complex or unidentified 4340
decay 767, 2511, 2524, 6888
root 2511, 2524, 6888
distribution 421, 1002, 1508
ecology 436, 1508, 7108
economics 326
fertilizers 1718, 1719, 3368, 3376, 6543, 7257, 7259, 7261, 7281
foliage, chemistry 5980
forest types 436, 2340, 2396, 2476, 3127, 5819, 6102, 6103, 6521, 6702, 6703
fruiting 7254, 7261
fungi associated with 6167
genetics/breeding 1891, 6139, 6863, 7279, 7549
habit 5811
historical records 646, 2204
history 421
hydrology 3810, 6378, 6380, 6385
increment and yield 282, 815, 1719, 2344, 2782, 3368, 3478, 4190, 5819, 6543, 7175, 7257, 7270, 7331, 7344, 7351
injury by
birds 2282
deer 6319
dust 1893
game 801
gases and fumes 1893, 5976, 5980, 6722
rodents 2282
wind 2511
insect pests
Col. 7637
Hem. 2045, 2046, 2534, 3619, 6237, 6898, 7248, 7280
Lep. 2558
irrigation 3368
litter/humus 563, 5912, 5915, 6888, 7387
logs, assortments 326
management 698
measurement tables 815, 2772, 3478, 4171
measurement, tree and stand 280, 4172
mixtures 7270
mycorrhiza 2497, 6167, 6174, 6874
nurse to, broadleaved species 5770
nursery management 2266, 2267, 3368, 7282
nutrition 1893, 3566
palaeoecology 1507
photosynthesis 5811
plantations in
Netherlands 4003
Switzerland 5769
plantations on
former fields 6580
marginal, waste, degraded land 3376, 7129
planting methods 7281
production, biological 5811, 6102, 7395
propagation by cuttings 7129
provenance studies 1679, 4004, 7175
pruning 767, 3171
regeneration, artificial 801
regeneration, natural 801, 2280, 2282, 4072, 7247, 7248, 7257, 7258, 7259
remote sensing 825
seed
germination 2688, 7244
pests and diseases 7245, 7247, 7249, 7258
physiology 7244
storage 7245
Fagus sylvatica contd.
seed contd.
treatment 5368
seed production 7250, 7257
seed stands 698
seedlings 7256
shelterbelts 7706
silvicultural systems 2344
silviculture 775, 4063, 4072, 4120, 6521, 7271
site preparation 7258
site quality 2340, 7254
site requirements 5374
soil 6102, 6702, 6703, 7386, 7395, 7397
effect on 2184, 3539
fauna 337, 850, 5924, 6287
flora 7398
soil requirements 1891
sowing, direct 5368
spacing 1679
stand density 4120, 7271
stand quality 7335
stand structure 7335
successional role 3638
taxonomy 989
thinning 1314, 4120, 6319, 7271, 7335
tree surgery 3171
underwood 6616
variation 775, 7549
water relations 5933, 5945, 6380, 7256
weed control 7259
wildlife 2126, 3127, 7085
wood
anatomy 1939, 6034, 6722
chemistry 1939
F. sylvatica quercoides 989
Faidherbia albida (see *Acacia albida*)
Faramea occidentalis 2974
Feijoa sellowiana 1189, 3151
Felis catus 3776
F. concolor 6337
Fenusa pusilla 6282
Ficus spp. 6348
F. capreaefolia 2466
F. carica 3604
F. erecta 3604
F. glomerata 4617, 6764
F. insipida 7028
F. racemosa 6764, 6816
F. religiosa 4617
F. yoponensis 7028
Fiorinia externa 6232
Fistulina hepatica 2509
Flemingia lineata 5789
Flindersia brayleyana 130, 3036
Fomes annosus (see *Heterobasidion annosum*)
F. applanatus (see *Ganoderma applanatum*)
F. connatus 2029
F. fomentarius 7558
F. fraxinophilus 7569
F. igniarius (see *Phellinus igniarius*)
F. pini (see *Phellinus pini*)
Forestiera acuminata 6276
Formica spp. 4591
F. aquilonia 7009
F. lugubris 2566, 3751, 7000
F. obscuripes 6256
F. polyctena 2073, 6992, 7614
F. rufa 3090, 3117, 7018
Formicidae 7470
Fragaria viridis 6629
Frankia spp. 3023
Fraxinus spp. 1757, 2179, 3600, 6195, 7621
F. americana
forest types 6113
genetics/breeding 2862
injury by, salt 881
irrigation 6553
measurement tables 7312
nutrition 6553
provenance studies 6520
seed
morphology 2941
variation 2941
silvicultural characters 7264
silvicultural systems 726
silviculture 6520
variation 2862
wood
anatomy 2862
variation with growth factors 2862
F. angustifolia 4281

***Fraxinus* contd.**
F. caroliniana 6112
F. excelsior
bark, chemistry 4277
buds 4317
diseases and disorders
decay 1096, 2511
root 1096, 2511
distribution 7269
ecology 7269
economics 73, 1409
fertilizers 3376
forest types 4392, 6521, 6713
genetics/breeding 3664, 6149
increment and yield 7267, 7269
injury by
dust 4277
gases and fumes 4277
wind 2511
insect pests 545, 2642
Lep. 7621
litter/humus 563, 2391, 5915, 7404
mixtures 7270
mycorrhiza 2497
nursery management 2716, 7282
nutrition 5963
plantations in
Netherlands 4003
USSR, Russian region, central 7238
plantations on
erodible sites 2144
marginal, waste, degraded land 3376, 3825, 7129
watersides 2598
planting stock 7267
propagation by cuttings 7129
propagation by grafting 5641
regeneration, natural 7269
seed
germination 2687, 7244
physiology 7244
seed production 6317
seedlings 371
silvicultural characters 371, 1930
silviculture 6521, 7238, 7269
soil, flora 7404
stem, form 3664
variation 6149
weed control 5712
weedkillers, effect of 2741
wildlife 6317, 7085
wood, anatomy 377
F. mandshurica 4378
***F. ornus*,** successional role 7708
F. oxycarpa 1247, 2979, 7702
F. oxycarpa pallisae 2979
F. pennsylvanica
calorific value 3488
diseases and disorders
decay 2012, 7569
root 2012
fertilizers 6568, 6569
forest types 6118
genetics/breeding 1976
increment and yield 855, 1374, 2780
light relations 2907
plantations in
USA 5616
USSR, Russian region, Urals etc. 125
plantations on
erodible sites 2144
marginal, waste, degraded land 2157
mining wastelands 6568, 6569, 7710
production, biological 3488
provenance studies 6520
roots, systems, distribution 2434
shelterbelts 122, 855, 7702
silviculture 6520
soil 7396
spacing 2780, 7702
stand structure 1004
water relations 855
F. pennsylvanica lanceolata 6558
F. pubescens 1943
F. uhdei 130, 4093
F. viridis 6057
Freylinia lanceolata 2467
Fusaea longifolia 6047
***Fusarium* spp.** 1541, 2025, 3065, 3720, 6180
F. avenaceum 3682, 6916, 6918
F. larvarum 2094
F. moniliforme 1540, 6904
***Fusarium* contd.**
F. moniliforme subglutinans 1540, 2009, 2010, 2011, 2952, 4467, 4480, 6896, 7555, 7587
F. oxysporum 1540, 4498, 6885, 6886
F. solani 3604, 3605, 3712, 4499, 6886
Galleria mellonella 6964
Gamasidae 2821
***Ganoderma* spp.** 2505, 2511
G. applanatum 2509
G. lucidum 2509
G. pfeifferi 2509
G. resinaceum 2509, 2511
Garcinia subelliptica 1358, 2152
Gasteromycetes 3670
Gasterosteus aculeatus 6095
Geniculodendron pyriforme 2028
Genipa caruto 2404
Genista hispanica 7172
Geoffroea decorticans 6310
Geometra boreata 7247
Gevuina avellana 1975, 6625
Gibberella pulicaris 3682
Gigantochloa albo-ciliata 5232
Gilletteella cooleyi 6943, 6944
Gilpinia hercyniae 1133, 2572, 6281, 7003, 7004, 7005, 7006
***Gleditsia* spp.** 7710
G. triacanthos 959, 1709, 2323, 2434, 5211, 5239, 7012, 7702
Gliocladium deliquescens 3711
***Gliricidia* spp.** 5210
G. sepium 4124
Gloeophyllum trabeum 2019
Gloeosporium euonymicolum 544
Glomus fasciculatus 6877, 7711
Glypta fumiferanae 1556, 1557
Gmelina arborea 661, 1297, 2154, 2219, 2246, 2754, 2928, 3347, 3573, 3734, 4007, 4009, 4034, 4170, 4668, 5448, 6597, 6599, 7178
Gnathotrichus retusus 4566
G. sulcatus 4566
Gnetum 428
G. leyboldii 4365
G. nodiflorum 4365
G. paniculatum 4365
G. schwackeanum 4365
G. urens 4365
G. venosum 4365
Gnomonia leptostyla 6201
G. platani 3228, 3230, 3232
Godmania macrocarpa 2404
Goes pulverulentus 4530
G. tigrinus 4530
Gomphostigma virgatum 2467
Gonipterus scutellatus 2083, 7654, 7655
Gonystylus bancanus 5367, 7635
G. macrophyllus 1434
***Gonzalagunia* spp.** 4358
Gordonia lasianthus 4374
Gossweilerodendron balsamiferum 1934
Gouania lupuloides 1454
Gouldia terminalis 3036
Goupia glabra 3598
Gremmeniella abietina 4468, 4472, 4490, 6178, 6893, 6915, 7578
Grevillea robusta 4009, 5372
G. striata 6123
Griselinia littoralis 1011, 1015
Grus rubicunda 3780
Guarea bijuga 2974
Guibourtia coleosperma 1016, 5231
Guttiferae 6800
Gymnorhinus cyanocephalus 6065
Gymnosporangium fuscum 3030
G. juniperi-virginianae 7586
Haemostereum sanguinolentum (see *Stereum sanguinolentum*)
Halostachys caspica 1820
Haloxylon ammodendron 5681
H. aphyllum 5239
H. persicum 5239
Hamamelis virginiana 4471
Hamelia patens 6064
Hammada scoparia 4258
Hapalophragmiopsis ponderosum 1545
***Haplopappus* spp.** 5808
H. pinifolius 5807
Hebe elliptica 6108
H. venustula 6364
Hebeloma crustiliniforme 6171
H. mesophaeum 6366
Hedera helix 2126
Hedycarya arborea 1011
Helicomyia saliciperda 7652
Helicteres isora 5789
Helvella esculenta 7307
Hemphillia glanulosa 2049
Hendersonula toruloidea 6193
***Heritiera* spp.** 7494
Hermotrichia juniperi 6918
Hesperophanes heydeni 4565
Heterobasidion annosum
assessment 1092, 2033, 2034
biology and physiology 1087, 2030, 4501, 4502, 6181, 6182, 6188, 6871, 6888, 6889, 7568
control 2287, 2503, 2524, 3431, 3687, 3711, 3714, 4500, 4501, 6888
detection 1096
ecology 351, 482, 498, 1092, 1093, 1816, 2037, 3040, 3043, 3044, 4493, 4503, 6186, 7572
effect on increment and yield 1086, 6183
interaction with fungi or bacteria 482
resistance to 1088, 2031, 2507, 3040, 7571
role of wounds 2037
soil-borne infection 6189
study methods 1087, 1088, 1096
Heterohabditis bacteriophora 6965
Heterophragma quadriloculare 5789
***Heterospilus* spp.** 3725
Heterotermes indicola 6937
Hevea guianensis 6047
Hexalobus monopetalus 5231
Hexatricha pulverulenta 2076
***Hibiscus* spp.** 6657
H. elatus 5372
H. rosa-sinensis 1189
H. tiliaceus 1599
Hieronyma chocoensis 3598
***Hildegardia* spp.** 7494
Hippocastanaceae 4317
Hippophaë rhamnoides 1167, 2157, 2752, 2753, 2976, 3137, 3819, 3820, 3822, 4133, 4327, 4377, 4388, 7298
***Hoenimnema* spp.** 6963
Holocalyx balansae 4361
Holocerus arenicola 4565
Homallotermes foraminifer 27
Homoptera 3728
***Hopea* spp.** 1493, 1986, 7449, 7454, 7456
***Hopenium* spp.** 7462
Hoplocerambyx spinicornis 6985
***Houmiri* spp.** 4418
Huberodendron patinoi 3598
Humiria balsamifera subsessilis 3598
Humiriastrum procera 3598
Hura crepitans 5448
Hyblaea puera 5322
Hyla meridionalis 7116
Hylastes ater 1571, 6274
H. brunneus 6274
Hylobates agilis 6735
H. lar 6735
Hylobius abietis 533, 534, 1123, 2549, 2573, 2574, 2733, 6263
H. pales 1118, 7656
***Hylurgopinus* spp.** 4564
H. rufipes 1562, 4553, 4554
Hylurgops palliatus 1117, 1121
H. rugipennis 4561
Hylurgus micklitzi 6213
Hymenochaeta arida 6165
Hymenogastrales 6874
Hymenomycetes 6919
Hymenoptera 2539
Hypholoma fasciculare 1078
Hypochthoniella minutissima 341
Hypogymnia physodes 1426
***Hypoxylon* spp.** 6903
H. mammatum 1089, 1103, 4485, 6199, 6897
H. mammosum 3686
H. pruinatum (see *Hypoxylon mammatum*)
***Hypsipyla* spp.** 4761
H. grandella 529, 3310, 6525
H. robusta 5322, 7602
***Hystrix* spp.** 3778
H. indica 3778, 3779
Ichneumonidae 2061
Ichthyura anastomosis 4588, 7020
***Ilex* spp.** 6541
I. aquifolium 609, 1535

Ilex contd.
I. cassine 4374
I. cornuta 1189
I. crenata 2007, 2269, 2270, 4269
I. decidua 6112
I. opacea 4257
I. paraguariensis 3466
Indarbela spp. 1558
Inga spp. 97, 4046, 6047
I. brenesii 6064
I. sapindoides 2974
Inocybe spp. 3528, 6171
Inonotus dryadeus 2509, 2511
I. hispidus 731, 1096, 2509, 2511
I. weirii 1092, 1094, 1625, 7576
Intsia bijuga 1434
Ips spp. 1121, 2087, 6931
I. amitinus 1559
I. avulsus 2552
I. calligraphus 68
I. cembrae 1124, 3737, 6268
I. chalcographus 1129, 1130, 6989
I. grandicollis 6298
I. hauseri 7636
I. paraconfusus 1564, 7634
I. pini 1564, 4567, 4568, 6998
I. sexdentatus 2577, 2578, 6979
I. typographus 537, 538, 548, 1136, 1559, 1565, 1566, 2564, 3086, 4552, 6264, 6290, 6979, 6987, 7636
Isertia spp. 4358
I. pittieri 4046
Isertieae 4358
Isoberlinia doka 3904
Itame pustularia 4540
Ixerba brexioides 4630
Ixianthes retzioides 2467
Ixodes spp. 4582
Jacaranda copaia 695
Jacaratia dodecaphyla 253
Juglans spp. 6156, 6483
J. cinerea 3018
J. hindsii 6719
J. mandshurica 125
J. nigra
chemical constituents 4328
diseases and disorders
foliage and shoot 6203
seedling 2499
fertilizers 2933
fruit 3446
increment and yield 812
injury by, frost 5613
irrigation 6553
light relations 812
microclimate 7255
mycorrhiza 2497
nurses for 7255
nutrition 6553
provenance studies 5613, 6520
roots
growth 1478
systems, distribution 1478, 2434
seed 2944
dispersal 6353
seed production 2933
seedlings 812
silvicultural characters 7264
silviculture 1772, 3446, 4063, 6520
species trials 2970
thinning 2933, 7277
J. nigra × *J. regia* 7279
J. regia
bark, chemistry 1941
buds 388, 389
defoliation, artificial 389
diseases and disorders
canker, bark diseases 3032
decay 731, 4778
foliage and shoot 6201
mycoplasmal 2522
root 4778
virus 2522
fertilizers 715
foliage, chemistry 1941
forest types 4644
fruit 7298
genetics/breeding 3018, 6156
hybrids 6156
increment and yield 715
insect pests, Lep. 6965
mycorrhiza 2497
physiology 388, 389
Juglans regia contd.
plantations 1334
plantations in
Portugal 4778
USSR, Transcaucasia 739
plantations on, catchment areas 4644
planting methods 2288
propagation by grafting 3032
regeneration, natural 731
seed
germination 700
treatment 700
seed orchards 1266
shelterbelts 1158, 7706
silviculture 1334
sowing, direct 4135
water relations 1887, 7683
J. sieboldiana 3018
Julbernardia spp. 1014
Juniperus spp.
burning, controlled 6753
diseases and disorders 1246
decay 6165
stem rusts 3030
forest types 2801, 4421, 5873, 5874
insect pests 1246
plantations in, USSR, Ukraine, Crimea and Moldavia 1246
pollen 6811
propagation by cuttings 6541
seed, extraction 7294
soil 5873
effect on 3532
wood, anatomy 3600
J. brevifolia 3655
J. chinensis 1189
J. communis 1535, 2727, 6321, 6711, 7107, 7129
J. conferta 2013
J. drupacea 7107
J. excelsa 1514, 1710, 1888, 1889, 2124, 2402, 2502, 3725, 6101, 7107
J. foetidissima 6101, 7107
J. macropoda 2525, 3716
J. monosperma 5619
J. occidentalis 3554
J. oxycedrus 7107
J. phoenicea 1120, 7107
J. procera 2238, 3905
J. sabina 4388, 7107
J. scopulorum 1569, 6136
J. thurifera 7107
J. virginiana 1569
chemical constituents 6136
diseases and disorders
stem rusts 7586
wilts, dieback 4484
genetics/breeding 6136
injury by
gases and fumes 3579
precipitation 3579
insect pests, Col. 6298
production, biological 7328
roots, systems, distribution 2434
thermal relations 601
water relations 6711
Kabatina juniperi 4484
Kalmia spp. 3838
Kalotermitidae 7604
Kanahia laniflora 2467
Kermes kingii 6233
Khaya anthotheca 3905
K. nyasica 2466, 5372, 7495
K. senegalensis 2154, 3904, 6597
Korthalsella spp. 6922
Korthalsia spp. 1795, 6792
Kutilakesa madreeya 6197
K. pironii 6197
Laburnum spp. 2179
L. anagyroides 1167, 1247
Lachnellula flavovirens 509
L. pini 509
L. willkommii (see *Trichoscyphella willkommii*)
Lactarius deliciosus 7307
Laetia thamnia 2974
Laetiporus sulphureus 2509, 2511
Lafoensia pacari 4079
L. pacari petiolata 5116
Lagerstroemia indica 609
L. lanceolata 6634
L. parviflora 4169
Lagria villosa 59
Laguncularia racemosa 6822
Lama guanicoe 3124
Lamachus marginatus 1133
Lambdina fiscellaria lugubrosa 2530
Lannea coromandelica 1362, 4170
Lantana camara 1189
Laplacea fruticosa 5448
Larix spp.
cone, pests and diseases 2946
diseases and disorders 2025
canker, bark diseases 351, 1101, 1102, 2515, 4509
decay 351
root 351
fertilizers 3373
fire, danger 1919
genetics/breeding 3625
hybrids 6142
increment and yield 3373
injury by
frost 4509
gases and fumes 351
insect pests 2642, 2946
Col. 1124
Hym. 1628, 7643
Lep. 2546, 2547
measurement tables 3468
nursery management 2025, 2263
plantations in, China 6483
plantations on
marginal, waste, degraded land 3823
roadsides 3823
pollen 1492
propagation by grafting 3336
provenance studies 3333, 3334, 3336
seed, pests and diseases 2946
seed orchards 3333, 3336
shelterbelts 7706
variation 3625
L. amurensis 3336
L. cajanderi 3334, 4429
L. × *czekanowskii* 3334, 3336
L. dahurica (see *Larix gmelinii*)
L. decidua
dendrochronology 6460
diseases and disorders
canker, bark diseases 512
decay 6888
root 6888
fertilizers 1718, 1719, 7191
flowering 6060
forest types 3411, 4388
fungi associated with 2492
genetics/breeding 6140
hybrids 6140
increment and yield 1719, 3411, 5815, 7191
injury by
deer 6319
gases and fumes 6722
insect pests
Col. 3737
Lep. 6460
irrigation 6558
litter/humus 5913, 6888
management 301
plantations in
Germany, West 301, 3442
USSR 1328
plantations on, marginal, waste, degraded land 2157, 7129
planting stock 3411
propagation by cuttings 7129
propagation by grafting 3336, 4018
provenance studies 3336, 4004, 5618
respiration 3616
seed orchards 4018
silviculture 1328, 2307
spacing 6616
stand development 1328
stem, form 3442
thinning 281, 6319
water relations 5958
weed control 5720
wildlife 7113
wood
anatomy 6722, 6765
defects 7471
physiological aspects 6765
variation, genetic 6135
variation with growth factors 6135
L. decidua polonica 1328, 4238
L. decidua × *L. leptolepis* 512, 5618, 6140

Larix *contd.*
L.* × *eurolepis 1328, 4004, 4018, 5639, 6135
L. gmelinii
allelopathy 7177
bark
anatomy 1070
variation 1070
cambial activity 6663
dendrochronology 7098
distribution 7469
foliage, chemistry 2441, 3603
forest types 2459, 2481
fungi 7577
genetics/breeding 4441
hybrids 4429
increment and yield 1730, 7381
injury by, frost 4238
measurement, tree and stand 1354, 7150
planting stock 1730
propagation by grafting 3336
provenance studies 3334, 3336
roots, systems, distribution 7469
seed, germination 7177
silvicultural characters 2848
soil 2819, 7381
stand structure 6644
L. gmelinii japonica 3336, 6225, 7636
L. gmelinii olgensis 1438, 3336
L. kaempferi (see *Larix leptolepis*)
L. laricina 1745, 1974, 7646
L. leptolepis 7001
allelopathy 4328
bark, chemistry 2903
diseases and disorders
canker, bark diseases 512, 5618
foliage and shoot 1028, 3706
fertilizers 1769, 6567
flowering 6060
foliage, chemistry 1484, 3603
genetics/breeding 1028, 3706, 5373, 6140
hybrids 6140
increment and yield 1769, 2307
injury by
gases and fumes 5978
grazing 3410
insect pests, Lep. 2558
irrigation 6558
management 301
mixtures 4109
nurse to, conifers 1769
nursery management 3545, 5716, 5730
plantations in
Germany, West 301
Japan 3410
plantations on, mining wastelands 6567
pollen 4342
propagation by grafting 3336, 4018
provenance studies 2307, 3334, 3336, 4004, 5618
seed orchards 1028, 4018
seedlings 371
silvicultural characters 371
silviculture 2307
site requirements 5374
soil, effect on 335
spacing 4109
stem 1484
weed control 5701, 5716, 5721, 5723, 5730
weedkillers, effect of 5721
wind, resistance 1415
wood
variation, genetic 6135
variation with growth factors 6135
L. lubarskii 3336
L. occidentalis 530, 1094, 1806, 2959, 4529, 5422, 6647, 6756, 6786
L. principis-rupprechtii 1438
L. sibirica 1438
allelopathy 5762
bark
chemistry 4132
uses 4132
chemical constituents 4324
fire, danger 5996
foliage, chemistry 2441, 6045
forest types 2459, 2482
genetics/breeding 3015
growth regulators in 2906
hybrids 4429
increment and yield 3392
injury by, gases and fumes 6742

Larix sibirica *contd.*
interplanting in, conifers 5384
mixtures 5762
nursery management 1729, 3392, 3393
physiology 6058
plantations in
Iceland 6090
USSR 1291
USSR, Russian region, central 7238
USSR, Russian region, Urals etc. 125
plantations on, erodible sites 6090
propagation by grafting 3336
provenance studies 127, 3015, 3308, 3334, 3336
rootstock for grafts 3336
shelterbelts 3137
silviculture 7238
thermal relations 6058
variation 127
water relations 6058
wood
anatomy 3587
variation with growth factors 3587
L. sukaczewii 1328, 2459, 3334, 3336, 6661
Larrea tridentata 7305
Lasiomma anthracina 1263
Lasius niger 6227
Laspeyresia miscitata 6932
L. piperana 1263, 6932
L. strobilella 198
L. youngana 1263, 2072
Laucaspis **spp.** 6213
Lauraceae 4355
Lecanosticta acicola (see *Scirrhia acicola*)
Ledum palustre 6631
Leguminosae 997, 4317, 6082, 6798, 6800, 7443
Leleba (see *Bambusa*)
Lentinus edodes 1349
Leontopithecus rosalia chrysopygus 2125
Lepidocaryoïdeae 6792
Lepidoptera 2539
Lepidosaphes rubi 2556
L. ulmi 2556
Leptoglossus corculus 2948, 2950
L. occidentalis 6932
Leptospermum **spp.** 4066
L. ericoides 1125
L. myrsinoides 2426
L. scoparium 1125
Leptosporomyces juniperus 6165
Leptus **spp.** 4563
Lepus americanus 3785, 7241
L. americanus phaenotus 6330
L. europaeus 1015
Lespedeza bicolor 6633
Lestodiplosis **spp.** 7011
Leucaena glauca (see *Leucaena leucocephala*)
L. leucocephala 1623, 2162, 2755, 3143, 3414, 3417, 3559, 3991, 4012, 4015, 4371, 4372, 4499, 4628, 4668, 4674, 5210, 5239, 5379, 6597, 6599, 6931
Leucoma salicis 6252, 7016, 7623
Leucophyllum frutescens 1189, 4607
Libocedrus bidwillii 6097
L. chilensis 4776, 7099
L. decurrens 599, 1477, 2970, 5977
Licania densiflora 2477
Licaria alata 2974
Lichenaula **spp.** 3078
Ligustrum **spp.** 7621
L. japonicum 1189
L. ovalifolium 881
L. vulgare 1949, 2411, 6723
Liquidambar formosana 2767
L. macrophylla 2894
L. styraciflua
calorific value 3488
control, chemical 228, 1757
diseases and disorders
decay 2012
root 2012
forest types 6118, 6826
increment and yield 241, 812, 1374
injury by
artificial wounding 393
fire 393
frost 393
insect pests, Lep. 6965
light relations 812
mycorrhiza 2022
oils 6776

Liquidambar styraciflua *contd.*
plantations in, USA 5616
production, biological 3488
seed, germination 697
seedlings 812
site quality 5990
thinning 241
water relations 4257
wood
anatomy 5990
variation with growth factors 5990
Liriodendron tulipifera
calorific value 3488
diseases and disorders
decay 2012
root 2012
wilts, dieback 2006
fertilizers 3416, 6568
flowering 2450
forest types 6113, 6818
fruiting 2450
increment and yield 631, 1374, 1805
injury by
gases and fumes 2835, 3579, 5973
precipitation 3579
salt 881
insect pests, Lep. 4543
irrigation 6553, 6558
measurement, tree and stand 1805
nursery management 2945
nutrition 6553
photosynthesis 2450
plantations on, mining wastelands 6568
pollen 2453
production, biological 3488
roots, systems, distribution 1933
seed
germination 2945
grading, quality 2945
seed orchards 2453
site preparation 3416
successional role 1007, 6818
water relations 4257
Lithocarpus densiflorus 1963, 7030, 7274
L. edulis 1963
Lithocolletis (see *Phyllonorycter*)
L. platani 2642
L. populifoliella 2642
Lithraea caustica 5808
Litsea **spp.** 4355
L. japonica 429
Livistona chinensis 4549
Lixophaga mediocris 3729
Lomatia dentata 1975
Lonicera nitida 7706
L. tatarica 2144, 6723
Lophodermella cerina 4491
Lophodermium **spp.** 66
L. australe 3700
L. conigenum 6908
L. pinastri 4247
biology and physiology 4513, 6908, 6911
control 2025, 7164
ecology 6178, 6180, 6908
L. seditiosum 6908
Lophortyx californicus 7029
Loranthus **spp.** 3717
Lovoa swinnertonii 7495
Loxostege sticticalis 7624
Luehea candida 2404
Luheopsis speciosa 6047
Lumbricidae 3555, 5923
Lumbricus rubellus 1583
Lumnitzera racemosa 4325, 7506
Lupinus arboreus 3357
L. polyphyllus 6395
Lycium berlandieri 4607
Lycoperdon gemmatum 3021
Lygaeonema abietinus (see *Pristiphora abietina*)
Lymantria dispar 6216
attractants 551, 552, 2069, 2553
biology and ecology 531, 532, 2067, 3255, 4544, 6240, 6246, 6954, 6955, 7616, 7620
control 551, 552, 1137, 1573, 2093, 2095, 2533, 2575, 3121, 6250, 6251, 6255, 6294, 6300, 6464, 6955
detection 318, 2069, 2553
dispersal 2533
forecasting 3255
host relations 6240

Lymantria dispar contd.
parasites and predators 2067, 6246, 6250, 6255, 6954, 6959, 7614
population studies and surveys 2553, 3255, 6255, 6954, 7620
resistance to 3733, 4477
study methods 6299
systems analysis and simulation 6464
trapping 2069
L. monacha
biology and ecology 2074
control 2558, 2559, 2575, 6295
population studies and surveys 2558
L. ninayi 2572, 5115
L. obfuscata 3731
Lymexylon navale 2079
Lynx lynx canadensis 6330
Lyrurus tetrix 1144
Macaca fascicularis 6735
M. nemestrina 6735
Macaranga spp. 1494, 2428
M. nicobarica 1495
Machaerium spp. 6797
M. acutifolium 4361
Macrolepiota procera 3021
Macrolobium acaeiaefolium 6047
Macrophomina phaseolina 53, 6886, 6920
Macropus fuliginosus 2112, 3794
M. giganteus 2112
M. robustus 1604
Macrotermes carbonarius 27
M. gilvus 5322
M. malaccensis 3075
Maesopsis eminii 2238
Magicicada septendecim 4485
Magnistipula spp. 4357
Magnolia spp. 597
M. grandiflora 2894, 4032, 7135
M. grandifolia galissonensis 6541
M. obovata 3527
M. stellata 2450
Mahonia aquifolia 1189, 7122
Malacosoma americanum 4548, 6256
M. disstria 2070, 2530, 3097, 4548, 6216
M. neustria 6216
Malamoeba locustae 539
Mallotus japonicus 1478
M. paniculatus 19
Malus spp. 614, 2179, 7298, 7706
M. domestica 2687
M. pumila 2518
M. sylvestris 4238, 7129
Malvales 1445
Malvaviscus arboreus 6064
Mammea spp. 411
Mangifera indica 976, 1478
Manglietia glauca 146
Manilkara bidentata 97
Mansonia altissima 1452
Mappia longipes 2974
Maranthes corymbosa 1434
Marmaroxylon racemosum 6069
Marssonina spp. 7589
M. brunnea 1106, 6204, 7545, 7589
M. castagnei 7589
M. populi-nigrae 7589
M. salicicola 7592
M. tremulae 7589
Masakimyia pustulae 544
Matsucoccus spp. 7608
M. feytaudi 6213, 6238
M. matsumurae 4589
M. pini 7610
M. resinosae 7608
Matudaea trinervis 2894
Maytenus bureaviana 349
Megaleia rufa 2112, 3781
Megaponera foetens 6923
Megastigmus spermotrophus 1265
M. suspectus 7008
Megophthrombium gracile 4562
Melaleuca spp. 6597
M. leucadendron 5322
M. quinquenervia 1342
Melampsora allii-populina 6910
M. larici-populina 165, 511, 1107, 1164, 2521, 4514, 6901, 6910, 7545
M. medusae 165, 511, 1107, 1164, 6158, 7545
M. pinitorqua (see *Melampsora populnea*)
M. populnea 2025, 2048, 6178
Melanerpes erythrocephalus 4527
M. formicivorus 7030
Melanophila acuminata 6225
Melanoxylon brauna 6762
Melia azedarach 1478, 3778, 5372, 7495
M. composita 4020, 5789
Meliaceae 529
Melilotus albus 6395
Meliponula bocandei 2330
Melocanna bambusoides 1444
Meloidogyne spp. 2090
M. arenaria 2567
M. incognita 2567
Melolontha spp. 6220
M. hippocastani 2103, 3736, 6221, 6223
Meria laricis 2025
Meripilus giganteus 2509, 2511
Mesostigmata 2818
Mespilus germanica 1247, 7298
Metanastria spp. 6963
M. latipennis 6963
Metarhizium anisopliae 6964, 7656
Metasequoia glyptostroboides 5617, 5978
Metrosideros spp. 1125, 4375
M. angustifolia 2467
M. collina 130
M. collina polymorpha 497, 3036, 6922, 7575
M. umbellata 1011
Miconia spp. 4046
Micrandra spruceana 4261
Microcerotermes spp. 3075
Micrococcus spp. 7402
M. lysodeicticus 6299
Microlepidoptera 43
Micromys minutus 1141
Micropholis apiculata 6787
M. barbourii 6787
M. belemensis 6787
M. chrysophylloides 4179, 6787
M. cylindrocarpa 6787
M. cyrtobotrya 6787
M. duckeana 6787
M. egensis 6787
M. flavescens 6787
M. garciniifolia 6787
M. gardneriana 6787
M. guyanensis 6787
M. killipii 6787
M. linoneura 6787
M. madeirensis 6787
M. martiana 6787
M. melinonii 6787
M. melinonina 6787
M. mensalis 6787
M. resinifera 6787
M. splendens 6787
M. spruceana 6787
M. trunciflora 6787
M. ulei 6787
M. venulosa 6787
M. williamii 6787
M. williamsii 6787
Micropterus dolomieui 2138
M. punctulatus 2138
M. salmoides 2138
Microrhamnus ericoides 4607
Microsphaera alphitoides 1898, 2027
M. platani 3233
Microtermes spp. 3723
M. insperatus 5322
Microtus agrestis 3126
M. pennsylvanicus 6001, 6318
Mimosa pigra 4461
M. scabrella 4660
Mimusops elengi 3060
M. heckelii (see *Tieghemella heckelii*)
M. hexandra 6209
Mirandaceltis monoica 2894
Moghania macrophylla 2331
Monochamus spp. 1121
M. alternatus 4577, 4578, 4580
M. scutellatus oregonensis 7007
M. sutor 6225, 7636
M. titillator 4525
Monodontomerus dentipes 3735
Mora magistosperma 3598
Moraceae 7472
Moringa concanensis 1970, 2435
Mortierella spp. 2400
Morus spp. 2214
M. alba 1231, 2324, 3605, 3778, 4617, 5239
M. lhou 3604
M. rubra 2434
Muntiacus muntjak 5218
Mus musculus 1141, 2127
Mussaenda spp. 4358
Mycena galopus 7404
Mycosphaerella larici-leptolepis 1028
Mycosyrinx nonveilleri 4449
Myelophilus piniperda (see *Tomicus piniperda*)
Myrialepis spp. 1795, 6792
Myriapoda 7118
Myrica cerifera 2894
M. gale 489, 3067, 4264
Myricaria germanica 4327
Myristicaceae 7491
Myrmica spp. 6227
Myrothamnus flabellifolia 955
Myrsine australis 1011, 6108
M. chathamica 6108
M. lessertiana 3036, 6922
Myrtus spp. 6434
Myzocallis carpini 6942
Naemacyclus minor 3059
Naematoloma fasciculare (see *Hypholoma fasciculare*)
Nasalis larvatus 6735
Nectandra spp. 5448, 6047
N. ambigens 222, 2974
Nectria cinnabarina 2713
N. coccinea 2045, 2046, 3619, 4340, 6237, 6898, 7280
N. coccinea faginata 4512
N. ditissima 3058
N. fuckeliana 3667
N. radicicola 3682
Nectriella pironii 6197
Neoaplectana spp. 7643
N. carpocapsae 2097, 2573, 2574
Neobalanocarpus 1493
Neobulgaria premnophila 3667
Neodiprion lecontei 1575, 3092, 4575
N. sertifer
biology and ecology 543, 2536, 2541, 3091, 3746, 3747, 4576, 7641, 7644
control 2572, 6300, 6301, 7641
damage by 459, 3091
parasites and predators 3747
population studies and surveys 2536
resistance to 7641
study methods 3746
N. swainei 1568
Neolitsea spp. 4355
Neomyzaphis abietina (see *Elatobium abietinum*)
Neoscortechinia forbesii 1434
Neotermes tectonae 5322
Neotylopterus pallidus 6276
Neoxythece spp. 6788, 6789
N. amazonica 6789
N. cladantha 6789
N. crassifolia 6789
N. dura 6789
N. elegans 6789
N. gabrielensis 6789
N. guianensis 6789
N. robusta 6789
N. schulzii 6789
Nephroma arcticum 1426
Nepytia freemani 2530
Nerium oleander 505, 1189
Nesogordonia spp. 7494
Neuroterus albipes 1567
N. numismalis 1567
N. quercusbaccarum 1567
Nitidulidae 2041
Nitrobacter spp. 2825, 7406
Nitrosomonas spp. 2825, 7406
Nosema cerasivoranae 7618
N. disstriae 3097
N. fumiferanae 4585
N. lymantriae 1573
Nothaphoebe spp. 4355
Nothofagus spp. 100, 849, 2076, 2977, 3684, 3797, 4890, 5568, 5608, 6827
N. antarctica 331, 2708
N. dombeyi 1975, 6578, 7410
N. fusca 223, 294, 1015, 1125, 3041, 3052
N. glauca 1975
N. menziesii 294, 1015, 3041, 3408, 4630
N. obliqua 721, 841, 1975, 5685, 6145, 6578
N. procera 841, 1975, 5716, 6578
N. solandri 331
N. solandri cliffortioides 1015, 1125, 5958

Nothofagus contd.
N. truncata 333, 566
Nothrus silvestris 2818
Notodonta dromedarius 4545
Notornis mantelli 556
Nucifraga caryocatactes 3253
Nuxia oppositifolia 2467
Nyctalus noctula 6313
Nypa fruticans 2981
Nyssa aquatica 241, 5922
N. sylvatica 6118
N. sylvatica biflora 241, 5922
Ochrocydus huttoni 1125
Ochroma lagopus 695
Ocneria monacha (see *Lymantria monacha*)
Ocotea spp. 588
O. chiapensis 222, 2974
O. porosa 4079, 5116
O. usambarensis 2238
Octomeles sumatrana 7476
Odocoileus spp. 6307
O. hemionus 5738, 6000, 6308, 6337, 7670
O. hemionus californicus 2114, 2115
O. hemionus columbianus 3786, 6325, 6671
O. virginianus 2116, 4627, 6337, 6563, 7671, 7672
Odontia bicolor 3698
Odontotermes distans 7605
O. gurdaspurensis 3723
O. obesus 3723, 7605
Oecanthus angustipennis 510
Oemona hirta 1126
Olax dissitiflora 7496
O. obtusifolia 7496
Olea europaea 2126, 5239, 6099
O. europaea oleaster 6434
O. welwitschii 2238
Oleaceae 4317
Olearia angustifolia 6108
Oligochaeta 5928
Omphalea oleifera 222, 2974
Oncorhynchus spp. 3239
O. gorbuscha 2134, 6095
O. kisutch 2129, 3577, 3804
O. nerka 2135, 2139
O. tshawytscha 2139
Oncotheca balansae 1961
Ondatra zibethicus 3123
Operophtera bruceata 6925
O. brumata 2096, 2098, 3079, 3113, 3730, 4590, 6216, 7117
Ophiostoma spp. 1544
O. kubanicum 6195
Opilia celtidifolia 7497
Oplopanax elatus 6635
Oppiella nova 341
Opsiphanes inviraeamplificatus 4549
Opuntia spp. 4607, 5239, 6607
O. leptocaulis 4607
O. macrorhiza 4627
Oreamnos americanus 6337
Orgilus punctulator 6293
Orgyia antiqua 3095
O. leucostigma 1576
O. pseudotsugata 2550, 3114, 3115, 3117, 4595, 6216, 6245, 6249, 6254, 6306, 6957, 6958, 6960
Oribatidae 6746
Orius vicinus 545
Ormosia coccinea 4026
Orthotomicus spp. 1121
O. erosus 6213
Oryctolagus cuniculus 2976, 3776, 3777, 3783
Oryx beisa 4614
Oryzomys palustris 199
Osmanthus spp. 2896
Osmia spp. 3115
Osteophloem platyspermum 6047
Ostrya carpinifolia 2476, 4393, 5368, 6100
O. virginiana 2894
Otiorhyncus sulcatus 7019
Ovibos moschatus 6337
Ovis canadensis 6337
O. dalli 6337
O. orientalis punjabensis 2113
Oxytenanthera abyssinica 2148
Ozola minor 3734
Pachira glabra 7493
Pachycotes peregrinus 1571
Pakaraimaea dipterocarpacea 7447
Palmae 3064, 3508
Pamphilius vafer 4574
Pandanus utilis 3063
Panolis flammea 2074, 2572, 3077, 3081, 3098, 3099, 3100, 3101, 3105, 3106, 4533, 6216, 6222, 6962, 7614
Panthera leo persica 7025
P. tigris 4967
P. uncia 7025
Papilio xuthus 6216
Papilionaceae 6798
Parabenzoin trilobum 3527
Paraclemensia acerifoliella 6305
Paramammea spp. 411
Paranthrene tabaniformis 2097, 6304
Parapoderus submarginatus 2083
Parashorea spp. 1986, 7454, 7456
P. lucida 1493
P. stellata 1493
Parasitengona 4563
Parasitorhabditis sexdentati 2578
Paratenodera aridifolia 4541
Paratylenchus vexans 2570
Paridae 6312
Parinari capensis 5231
P. curatellifolia 5231
P. salomonensis 1434
Parkia spp. 2466, 4026
P. filicoidea 5231
Parkinsonia aculeata 4601
Paropsis atomaria 3740, 3741, 6279
P. charybdis 1243
Parrotia persica 739
Parthenolecanium corni 2556
Parulidae 3083
Parus major 4615
P. varius 4615
Pasania (see *Lithocarpus*)
Passiflora edulis 588
Patasson nitens 7654, 7655
Paullinia costaricensis 2974
P. cupana sorbilis 3456
P. pinnata 2974
Paulownia spp. 2059, 4671
P. kawakamii 4781
P. taiwaniana 1267
P. tomentosa 7609
Pauvurus juvencus 6213
Paxillus involutus 484
Pegohylemyia spp. 3085
P. anthracina 198
Pelea anisata 6922
Pemphigus populitransversus 6941
Penaeus merguiensis 2599
P. monodon 2599, 4628
Penicillium spp. 2400
Peniophora spp. 6186
P. gigantea (see *Phlebia gigantea*)
Pennantia spp. 4375
P. corymbosa 1127
Pentaclethra macroloba 3598
Pentacme spp. 7454, 7456
Perca flavescens 3799
P. fluviatilis 6738
Perebea spp. 97
Pericopsis elata 130, 6763
Peridermium pini 4510
Peromyscus leucopus 6563
P. maniculatus 3787, 3788, 6001
Peronea gloverana (see *Acleris gloverana*)
Perovskia abrotenoides 2402
Perrottetia sandwicensis 3036
Persea spp. 4355
P. americana 342
P. borbonia 4374
Pestalotia spp. 3029
Pestalotiopsis funerea 2057
P. versicolor 3060
Petrova spp. 7601
Pezicula spp. 351, 510
Phacidium infestans 1105, 2025, 2056, 6178, 6905
Phaeogenes invisor 2092
Phaeolus schweinitzii 2504, 2505, 3698, 6872, 7572
Phalera bucephala 6217
Phanerochaete velutina 1078
Phascolarctos cinereus 3789, 6346
Phellinus chrysoloma 7577
P. igniarius 2498
P. pini 2504, 3026, 3254, 3698, 6872
P. tremulae 1090, 7574
Phellodendron amurense 125, 5934
Phialophora spp. 3044
Philohela minor 1583
Philoscia muscorum 6720
Phlebia gigantea 482, 3711, 3714
P. merismoides 1078
Phloeomyzus passerinii 7528
Phloeosinus spp. 3725
P. acatay 1120
P. bicolor 1120
P. cedri 1120
P. jubatus 3725
Phoebe lanceolata 6816
Phoenix canariensis 4549
P. dactylifera 4549
P. loureiri 4549
P. reclinata 2466, 5231
Pholiota adiposa 2020
Phoma exigua 505
P. macrostoma 2519
Phomopsis spp. 2043, 7585
P. elaeagni 2043
P. juniperovora 2054
P. pseudotsugae (see *Potebniamyces coniferarum*)
Phoracantha semipunctata 535, 4895
Phorodendron villosum 4627
Photinia fraseri 1189
P. glabra 2518
Phyllaphis fagi 7248
Phyllocladus spp. 407, 4375
P. alpinus 331
P. aspleniifolius alpinus 407
P. trichomanoides 4066
Phyllonorycter spp. 6291, 6292
P. platani 3234
Phyllotrox rutilis 4602
Physalospora laricina 3706
Physocarpus opulifolius 4049, 7422, 7633
Phytolacca dodecandra 6775
Phytolyma spp. 4761
Phytophthora spp. 495, 519, 1079, 2024, 3039, 3688, 3689, 3691
P. cactorum 1095, 2499
P. cambivora 493, 494, 1079, 4778
P. cinnamomi 2013
biology and physiology 1079, 2499, 3690, 3691
control 499, 2035, 2709, 3037, 3694, 3696, 5876, 6184, 6892, 7125, 7593
damage by 1394
detection 1394, 3695, 7573
ecology 493, 495, 497, 501, 1079, 1080, 1098, 2036, 2517, 3690, 3693, 3695, 4531, 7575
effect on increment and yield 6891
interaction with fungi or bacteria 1079, 3694
resistance to 1098, 1540, 2035, 3036, 3692, 3693, 3694, 4778
review 1079, 2036
study methods 1080, 1091, 1095, 7573
P. citricola 2499
P. cryptogea 53, 493, 1095, 3690, 6185
P. drechsleri 1095
P. lateralis 1095
P. megasperma 1080, 1095
P. nicotianae parasitica 2005
Picea spp.
diseases and disorders 6018
decay 2032
stem rusts 4481, 4482
witches' brooms 3067
foliage, chemistry 384
genetics/breeding 7517
habit 6018
hybrids 7517
insect pests 6018
Col. 541
Hym. 1133
Lep. 3084
management 6491
measurement tables 7312
palaeoecology 2978
propagation by cuttings 6541
propagation, vegetative 6018
provenance studies 7517
regeneration, natural 732
P. abies
allelopathy 4328
antibiotics 4318
bark
anatomy 847, 4619
chemistry 847, 2902
decomposition 847, 1739

***Picea abies** contd.*
bark *contd.*
uses 2720
browse 5679, 6340, 7038
buds 1716, 6054
calorific value 670
chemical constituents 2347, 2905, 6749
Christmas trees 2297, 4483, 7417
cleaning 761, 763
cone
pests and diseases 2946, 6241
production 1036
conferences, symposia 7514
crown, development 675
cytology 6130, 7524
dendrochronology 4718
diseases and disorders 3667
canker, bark diseases 674
complex or unidentified 402
decay 2037, 2507, 3687, 3711, 4503, 6871, 6888, 7571
foliage and shoot 980, 981
root 2037, 2507, 3687, 3711, 4503, 6179, 6871, 6888, 7571
seedling 518, 3065, 3683, 6179, 6180
distribution 1129
economics 1409, 5841, 7188
fertilizers 198, 211, 676, 714, 1272, 1718, 1719, 2256, 2257, 2389, 2396, 2398, 2399, 3368, 3369, 3373, 3377, 3385, 3443, 4041, 4042, 4045, 5653, 5654, 5655, 5657, 6543, 6587, 7188, 7191, 7193, 7195, 7342, 7417
flowering 1021, 1036, 1490, 6062, 7516
foliage
chemistry 873, 1426, 2398, 2827, 3581, 4318, 5980
uses and products 5786
forest types 2204, 3411, 3919, 7503
fungicides, effect of 6916, 6917, 6918
genetics/breeding 466, 1021, 1050, 1054, 1063, 1066, 1076, 1251, 1523, 1530, 1976, 1980, 2443, 2485, 2683, 2913, 3003, 3011, 3662, 3663, 4433, 4440, 5373, 5635, 6466, 6846, 6856, 7463, 7514, 7515, 7518, 7520, 7571
habit 792, 4386, 5811
hybrids 4429, 7520
hydrology 1151, 3570, 3810, 3811, 4255, 4648, 6374, 6378, 6385
increment and yield 211, 282, 283, 284, 292, 306, 402, 627, 714, 736, 763, 795, 802, 807, 810, 873, 1272, 1316, 1330, 1363, 1379, 1380, 1381, 1719, 1826, 1980, 2256, 2257, 2302, 2308, 2351, 2396, 2735, 2778, 2791, 3332, 3368, 3369, 3373, 3377, 3385, 3411, 3419, 3435, 3438, 3443, 3477, 3478, 3493, 3496, 3662, 4041, 4073, 4098, 4107, 4122, 4186, 4718, 5356, 5654, 5657, 5693, 5694, 5752, 5815, 6024, 6543, 6660, 6664, 6666, 6697, 7188, 7191, 7341, 7342, 7344
injury by
deer 4619, 6319, 7031
drought 1030, 1423, 1884, 7463
dust 353
frost 1724, 1955, 4236, 4238, 4483, 6053, 6698, 6699
game 801
gases and fumes 353, 878, 1426, 2412, 2415, 3581, 4045, 5976, 5979, 5980, 5982, 6722, 6725, 6742, 7463
hail 5856
logging 1894
nematodes 546
precipitation 2805
salt 881
snow 5857
wind 537, 2564
insect pests 198, 2946, 6643
Col. 537, 548, 1117, 1119, 1121, 1124, 1127, 1129, 1130, 1136, 1559, 1561, 1565, 1566, 2564, 3086, 3088, 4552, 6264, 6290, 6979, 7636
Hem. 6939
Hym. 6227, 6281, 7003, 7004, 7005, 7006, 7648
Lep. 3095, 6241, 6947, 7619
insecticides, effect of 2101, 3674
interplanting with, broadleaved species 2389
irrigation 3368, 3369, 5694, 6553

***Picea abies** contd.*
leaf, physiology 2443, 2445, 2913
light relations 1955, 4327, 6698, 7520
litter/humus 873, 1885, 1886, 4245, 5694, 5913, 6707, 6888
logging 2347
management 301
measurement, log 4161
measurement tables 269, 1379, 1380, 3477, 3478, 3496, 5800, 6664
measurement, tree and stand 270, 280, 795, 802, 805, 1356, 2367, 2728, 2769, 3494, 4172, 6643, 7362
mixtures 277, 1768, 4107, 5762
mycorrhiza 338, 3674, 6366, 6871, 7222
nursery management 546, 1279, 1467, 1470, 1471, 1473, 1724, 1731, 2264, 3368, 3369, 3393, 4052, 4073, 4184, 4440, 5740, 6579, 7417
nurses for 1768
nutrition 969, 1423, 2353, 2398, 2399, 2778, 3369, 3570, 4182, 4183, 5740, 6553, 6698, 7417
palaeoecology 424
phenology 5930, 6054
photosynthesis 1954, 2913, 4251, 5810, 5811, 6779
physiology 969, 978, 3611, 4286, 7486
plantations in
Belgium 4099
Canada 4215
Canada, Newfoundland 3338
Czechoslovakia 5356
France 4262, 5691
Germany, West 301
Norway 1251
Sweden 2728, 4013, 7144
USSR 1291
USSR, Baltic states 768
USSR, Russian region, northern 4255
plantations on
former fields 6580
heathland 6124
marginal, waste, degraded land 3377
mining wastelands 7728
peatland 3826
roadsides 568
wet lands 226
planting methods 1295, 1768, 5689
planting stock 1277, 1279, 1283, 1329, 1467, 1471, 1473, 2717, 3369, 3411, 4052, 4256, 5689
production, biological 277, 2353, 2778, 4182, 4183, 4184, 5809, 5811, 5813
propagation by cuttings 2683, 4440, 5633, 5635, 5636, 5637, 5638, 5640
propagation by grafting 1036
propagation, vegetative 7516
provenance studies 173, 353, 690, 1030, 1530, 1694, 2243, 3332, 3663, 4004, 4013, 4014, 6024, 7514, 7515, 7520
pruning 3435
regeneration, artificial 801, 2281, 5384, 7210
regeneration, natural 221, 801, 888, 1287, 2281, 3404, 3407, 4062, 5384, 6586, 6587, 7210, 7214
remote sensing 317
reproductive behaviour 987
research 2714, 6660
resin 6749
respiration 3616
roots
growth 1467, 1470, 1471, 1473, 2264
physiology 972, 7222
quantitative measures 813
systems, distribution 813
seed
certification 7519
chemistry 1054
collection 1706, 7519
germination 690, 4028, 6917
grading, quality 7182
pests and diseases 2946
treatment 3065
seed orchards 1490, 7516
seed production 198, 987, 1257
seedling culture 2714
seedlings 4344, 6916, 6917, 6918
silvicultural systems 863, 3404, 4062, 5679
silviculture 675, 676, 792, 7486
site preparation 3775

***Picea abies** contd.*
site quality 810, 1370, 1371
site requirements 5374, 6666
soil 2389, 3882, 4242, 4427, 6579, 6698, 7412
effect on 335, 863, 2184, 3539, 4262, 5921
fauna 887, 2818
flora 338, 2400, 2401, 5653, 6707
sowing, direct 1467
spacing 736, 768, 5356, 5690
stand density 265, 792, 1330, 3474, 4185
stand development 265
stand structure 2769, 3474, 6586
stem, form 4164
thermal relations 1954, 1955, 6697, 7520
thinning 279, 761, 1316, 1322, 1330, 1380, 1787, 1897, 2302, 2351, 2507, 3197, 3198, 3435, 3438, 3443, 4097, 4098, 4099, 4100, 4103, 4186, 5745, 5750, 5752, 6319, 6610, 6612
tissue culture 1716, 4037, 6053
underwood 571
variation 466, 1251, 2443, 2485, 6466, 7571
water relations 1954, 3419, 4073, 4256, 4718, 5693, 5930, 5945, 6697, 7222, 7411, 7412
weed control 231, 2297, 2735, 3423, 5705, 5710, 5720, 5721, 5722, 5723, 5740, 6579
weedkillers, effect of 231, 2742, 5721
wildlife 1117, 2588, 3775, 6328, 7036
wind, resistance 1415
wood
anatomy 3587, 6722
growth rings 5979
decay 674
physical and mechanical properties 674
variation with growth factors 3587, 5979
P. asperata 1438
P. canadensis 196
P. engelmannii
forest types 5873
injury by, frost 603
insect pests, Col. 4570
morphology 410
seed
germination 1263
pests and diseases 1263
testing 1263
soil 5873
thermal relations 603
P. excelsa (see *Picea abies*)
P. glauca 2297
bark, chemistry 208
Christmas trees 4483
cone
pests and diseases 2954, 3085
production 2925
diseases and disorders
decay 2019, 6187, 7570
seedling 3029
electrical phenomena 342
fertilizers 208, 2704, 3364, 4833, 5498, 6551, 6567, 6575
foliage
chemistry 208, 2440
uses and products 2440
genetics/breeding 449, 455, 465, 5373
increment and yield 208, 454, 455, 465, 1463, 1727, 1822, 7227
injury by
frost 4483
gases and fumes 6721
insect pests
Col. 6974, 7626
Dipt. 3085
Lep. 2544, 2954, 2955, 3085, 3239, 4542, 4584, 4585, 4593, 6253
insecticides, effect of 197, 2579, 2955, 3753
irrigation 6551, 6553, 6558
light relations 609
litter/humus 237
measurement tables 1822
nursery management 1281, 1462, 1727, 6575
nutrition 345, 6553
ornamental value 6454
physiology 609

Picea glauca *contd.*
plantations in, Canada 4215, 5763
plantations on, mining wastelands 6567
planting stock 1281, 1461, 1462, 1463
production, biological 345
propagation, vegetative 5631
provenance studies 454, 5607
roots
chemistry 857
growth 1462, 1463, 1479
systems, distribution 857, 1461
seed
germination 197, 2579, 2812
storage 5620
seedlings 2812
site preparation 4833
soil 999, 2812
effect on 5866
thinning 237
water relations 342
weed control 7227
P. glehnii 967, 6819
P. jezoensis 2441, 3338, 3468, 3603, 4378, 4426, 6044, 6225, 6635, 6662, 7122, 7150, 7636
P. koraiensis 2441, 3603, 3607
P. koyamai 6044, 6049
P. mariana
cone, pests and diseases 3085
diseases and disorders
canker, bark diseases 6915
seedling 3029
forest types 431, 828, 2475
genetics/breeding 449, 5373
hybrids 5373
increment and yield 1385
injury by
frost 5612
mistletoe 2060, 4465
insect pests
Dipt. 3085
Lep. 1555, 3085, 6253
litter/humus 6706
measurement tables 1385
nursery management 216, 1460
plantations in
Canada 5763
Canada, Newfoundland 3338
protection and preservation 3838
provenance studies 5607, 5612
regeneration, natural 5683
remote sensing 828
roots
growth 1479
systems, distribution 1460
seed, germination 2812
seedlings 2812
silvicultural systems 5840
site quality 7330
soil 2812
successional role 1974
P. obovata
bark
chemistry 4132
uses 4132
chemical constituents 4320, 4324, 6044
felling 7240
foliage, chemistry 2441, 3603, 3607
forest types 1971, 2459, 3246, 6704
genetics/breeding 1530, 3015
hybrids 4429
increment and yield 3249, 3392
insect pests, Lep. 973
measurement, tree and stand 3249
nursery management 3392
oils 4320
physiology 973
production, biological 4180
provenance studies 1530
regeneration, natural 7216
resin-tapping 787, 1791
seed production 1257, 1705
silvicultural characters 2848
silviculture 7240
soil 3246, 6704
successional role 3247
wildlife 1971
P. omorika 2970, 3338, 6024, 7417
P. orientalis 3338, 3377, 6825
P. polita 3739
P. pungens
Christmas trees 4483

Picea pungens *contd.*
diseases and disorders, canker, bark diseases 4479
fertilizers 596
forest types 5873
genetics/breeding 6859
injury by
drought 4479
frost 4238, 4483
morphology 410
nursery management 596, 608, 7122
ornamental value 6859
propagation by cuttings 6859
propagation by grafting 6859
reproductive behaviour 6859
seed
germination 196
sources of supply 196
shelterbelts 6859
soil 5873
taxonomy 6859
tissue culture 6859
variation 6859
P. pungens glauca 6541
P. rubens 1974, 2259, 2954, 5373, 6253, 7507
P. schrenkiana 1246, 1247, 4027, 7636
P. schrenkiana tianshanica 1438
P. sitchensis
antibiotics 4318
Christmas trees 7417
diseases and disorders
decay 1096, 2033, 2034, 6183
root 1096, 2033, 2034, 6183
economics 5764
fertilizers 1769, 2595, 2702, 3377, 3378, 3379, 3887, 5704, 6617, 7417
foliage, chemistry 2242, 4318, 4539
forest types 2594, 5888
genetics/breeding 1065, 2242, 5361, 5373, 6235
hydrology 2604
increment and yield 284, 799, 1769, 3377, 3378, 3379, 3495, 3500, 5361, 7432
injury by
deer 6320
frost 1724
nematodes 547
insect pests
Col. 542, 1124, 3742, 4561, 6270
Hem. 527, 1551, 4539, 6235, 6236, 6939, 7606
litter/humus 2594, 3563, 7402
measurement, log 348
mycorrhiza 7564
nursery management 1724, 5716, 5717, 5730, 7417
nurses for 1769, 2306
nutrition 348, 7417
photosynthesis 386, 387
plantations in
Canada, Newfoundland 3338
Great Britain 3887, 6617
Great Britain, Scotland 5764
Great Britain, Wales 4234
Iceland 6090
plantations on
erodible sites 6090
heathland 6124
marginal, waste, degraded land 3377
planting methods 5689
planting stock 5689
production, biological 5813
propagation by cuttings 5638
provenance studies 2242, 4004, 5607
seed
germination 5672
pests and diseases 2028
physiology 2962
treatment 2028, 5672
silviculture 7432
site quality 799
soil 3379, 3495, 3882, 5764
effect on 335
sowing, direct 5672
spacing 3500, 4279
successional role 2816
thinning 2300, 2417, 3500, 5754
variation 2242, 5361, 6235

Picea sitchensis *contd.*
weed control 745, 1305, 5701, 5703, 5704, 5705, 5710, 5711, 5712, 5716, 5717, 5719, 5720, 5721, 5722, 5723, 5730
weedkillers, effect of 1305, 5721
wildlife 6328
wind, effects 4234
wood, variation with growth factors 5989
P. smithiana 2504, 6539
Picoides pubescens 4527, 4528
P. villosus 4527, 4528
Pieris japonica 3527
Piliostigma malabaricum 4372
P. thonningii 1817
Pimpla sodalis 6925
P. turionellae 6954
Pineus pini 6213
Pinus **spp.**
bark, uses 5666, 5668
diseases and disorders 39, 48, 56, 6164, 6536, 6883
canker, bark diseases 351
decay 351, 1093, 6920
foliage and shoot 66, 1105
root 351, 1093, 3692, 6920
stem rusts 3067
distribution 427
fertilizers 597, 3381, 5623, 6397
flowering 4336
foliage, chemistry 384
forest types 432, 2985, 2989, 2994, 5873, 5874
fossil 7502
general information 4762
genetics/breeding 189, 1525, 3656
increment and yield 3381, 3507
injury by
gases and fumes 351
mistletoe 57
insect pests 40, 41, 56, 3102, 5322, 6536, 7653
Col. 1119, 1128, 2076, 2077, 6995
Dipt. 6284
Hym. 3091
Lep. 1116, 1137, 2951, 5115, 6239, 6295, 6945, 6951, 6953
irrigation 5623, 6563
leaf, anatomy 2429
litter/humus 3552
management 6491
measurement, tree and stand 1869, 4158
mycorrhiza 597
nursery management 597, 1468, 1736, 2278, 3396, 7200
nutrition 808, 3549
palaeoecology 2978
plantations in
Africa 6597
America, South 3270
Brazil 4056, 4102, 6496
New Zealand 6364
Nigeria 4011
South Africa 771
Spain 218
plantations on
erodible sites 6364, 6367
marginal, waste, degraded land 3823
mining wastelands 6397
roadsides 568, 3823
production, biological 808
propagation by cuttings 201, 5645, 6541, 7186
propagation by grafting 201
provenance studies 161, 178, 771, 3326, 4011, 5540
regeneration, artificial 4056
remote sensing 4209
resin-tapping 786, 5404, 5409
roots, growth 1468
seed orchards 2951, 6536, 7178
seed production 3959, 4336, 5623
silvicultural characters 771
silviculture 769, 1744
site quality 3549
soil 3549, 5873
effect on 3571
stand density 3571
thinning 4102, 5907
weed control 2293, 5736
wildlife 6563
wood, anatomy 3600

Pinus *contd.*
P. albicaulis 5606, 6437, 7665
P. armandii 1438
P. ayacahuite 44, 3600
P. banksiana
browse 7241
chemical constituents 5983
diseases and disorders
canker, bark diseases 6915
foliage and shoot 6911
wilts, dieback 7578
fertilizers 2698, 5865, 6545
fire
danger 2843, 5994
reaction to 1770
foliage, chemistry 2836, 2900, 2901
forest types 5904
genetics/breeding 5373
increment and yield 1385, 2749, 5817, 6545
injury by
gases and fumes 2836, 5983
recreational activities 1182
insecticides, effect of 197
litter/humus 3531
measurement tables 1385
nursery management 216, 5671
nutrition 345
plantations in
Canada 4214, 5763
Canada, Newfoundland 5606
USA, Wisconsin 3302
planting stock 1464
production, biological 345
regeneration, natural 4829
roots
growth 1464
systems, distribution 1464
seed
germination 196, 197, 2812
sources of supply 196
seed production 2922
seedlings 2812
silvicultural systems 5840, 7241
silviculture 1745
site quality 5817
soil 999, 2812, 5865
spacing 1745
thinning 2698, 2749
P. banksiana × ***P. sylvestris*** 6785
P. brutia 213, 214, 215, 456, 4348, 5177, 5672, 6099, 6101, 7107, 7502, 7579
P. canariensis 4006, 5610, 5614, 6213
P. caribaea
age estimation 6657
buds 135
chemical constituents 166
diseases and disorders
foliage and shoot 69, 2053
root 53
fertilizers 185, 1720, 4044, 5660
foliage, chemistry 2898
genetics/breeding 131, 136, 137, 138, 140, 146, 189, 4828, 4843
growth regulators, effect of 4332
increment and yield 1697, 1720, 3486, 4044, 4756, 4786, 4797, 4799, 6878, 7228
insect pests
Col. 1560
Hym. 43
Lep. 43, 2561, 6968
light relations 137
management 314
measurement, tree and stand 3476, 5796, 6641
mycorrhiza 185, 6878
nursery management 2294, 2872
nutrition 4267
oils 2898
physiology 133
plantations in
Argentina 4777
Australia, Queensland 4828, 6618
Brazil 4008
Cuba 3901, 4797
Fiji 3210
Uganda 1720
Venezuela 2403
Zambia 4811
planting stock 2872
production, biological 133, 4332
propagation by cuttings 135
Pinus caribaea *contd.*
propagation by grafting 2693
provenance studies 131, 133, 145, 185, 186, 189, 1697, 3312, 4001, 4005, 6524
reproductive behaviour 4343
roots
growth 2872
systems, distribution 185
seed, anatomy, morphology 4343
seed orchards 4025
seed production 4025, 5372
soil 185, 4786
spacing 4799, 7170
stump 3476
thermal relations 137
underplanted with, broadleaved species 1602
variation 470, 4435
water relations 185, 2403
weed control 1720, 2294, 7228
wood
anatomy 356
quality 359, 361
variation, genetic 357
variation with growth factors 356, 357, 359
P. caribaea bahamensis 186, 189, 3312, 4005, 4145, 7170
P. caribaea hondurensis
diseases and disorders, seedling 45
fungicides, effect of 7199
genetics/breeding 132, 134, 187, 189, 3016, 6141, 6833
grazing and pasture 4935
growth regulators, effect of 6056
increment and yield 360, 4756, 4799
insect pests 44, 50
Col. 46
light relations 7217
nursery management 1278, 7199
phenology 360
plantations in
Argentina 4795
Australia, Queensland 6618, 7197
Brazil 661, 2219
Fiji 3511
plantations on, mining wastelands 2154
planting methods 2285, 7197
propagation by grafting 2693
provenance studies 186, 187, 189, 3312, 4005
roots, growth 7217
seed, sources of supply 4008
seedlings 1278, 6056
spacing 4799
thermal relations 7217
variation 6141
water relations 6056
wood, variation with growth factors 358
P. caribaea × ***P. merkusii*** 3016
P. cembra
diseases and disorders, foliage and shoot 6905
insect pests, Hym. 7641
plantations in, Canada, Newfoundland 5606
stand structure 4178
P. clausa 5616
P. contorta
branches 1684
browse 7665
cone, pests and diseases 2946
control, chemical 1764
diseases and disorders
canker, bark diseases 2050, 6900
decay 1094, 1996
foliage and shoot 1996, 4491
root 1094
stem rusts 2049, 3057
fertilizers 1769, 3363
flowering 1021
genetics/breeding 1021, 1683, 1684, 1692, 5357, 5373
increment and yield 284, 1249, 1684, 1692, 1769, 1825, 3495, 4773, 5357, 6647
injury by
frost 1724, 1883
mistletoe 3070
precipitation 2805
rodents 3126
salt 599
insect pests 2946
Pinus contorta *contd.*
insect pests *contd.*
Col. 4572, 6982, 6990, 6996
Hem. 6363
Hym. 6301
Lep. 3077, 3098, 3099, 3105, 6950
litter/humus 848
management 7734
measurement tables 6647
mycorrhiza 3679
nurse to, conifers 1769, 2306, 6428
nursery management 1462, 1469, 1724, 3679, 5716, 5717, 6368, 7205
phenology 6362
plantations in
Argentina 4773
Canada, Newfoundland 5606
Great Britain, Scotland 1681
Iceland 6090
New Zealand 6364
Sweden 3126, 7144
plantations on, erodible sites 6090, 6364
planting stock 1459, 1462, 1465, 1883, 2877, 2880, 6368
production, biological 606, 1685, 5813
propagation by cuttings 5640
provenance studies 1249, 1680, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 3331, 5357, 6363, 6519
radiation, effect of 606
research 2714
roots
exudation 1947
growth 1459, 1462, 1465, 1469, 2877, 2880, 6362
systems, distribution 1469, 2877
seed
germination 2812, 5672
pests and diseases 2946
treatment 5672
seed production 1682
seedling culture 2714
seedlings 2812
shelterbelts 7706
shoot, growth and development 1685, 6362
site preparation 1754
soil 2812, 3495, 3554, 3882
effect on 6718
fauna 2818
sowing, direct 2877, 5672, 6365
species trials 2970
successional role 2816
thinning 1764, 3363
variation 1683, 1684, 1692, 5357
water relations 1947, 5958
weed control 1305, 5705, 5712, 5716, 5717, 5719, 5721, 5722, 5723
weedkillers, effect of 1305, 5721
wood, stain, fungal 4572
P. contorta latifolia (see ***Pinus contorta***)
P. coulteri 946
P. cubensis 4786, 5372, 7170
P. densiflora
diseases and disorders
decay 1088
root 1088
stem rusts 4508
economics 1408
increment and yield 3514
injury by
gases and fumes 1895
nematodes 1570, 2569, 4577
insect pests
Dipt. 7651
Hem. 7608
light relations 1411, 3514
litter/humus 1422, 3552
mycorrhiza 3680
production, biological 3514
provenance studies 3331
seed production 5452
soil 3527
fauna 341
variation 1533
wood, anatomy 1895
P. douglasiana 5610
P. echinata
bark, chemistry 2439
diseases and disorders, stem rusts 2015
fertilizers 7135
flowering 6025

Pinus echinata *contd.*
genetics/breeding 5373, 6857
injury by
nematodes 3094
snow 7378
insect pests, Col. 536, 3743, 4528, 6929, 7628
mycorrhiza 7135
nursery management 7135
pollen 6025
stem, form 7378
thermal relations 6025
weed control 228
wildlife 3765
P. edulis 6065, 6753, 7392
P. eldarica 4348 (cf. *Pinus brutia*)
P. elliottii
bark, chemistry 2439
branches 2931
buds 1932, 2931, 2956
chemical constituents 166
cone, pests and diseases 3749
diseases and disorders
canker, bark diseases 2011, 4467, 4480, 6896, 6904, 7555
flowers and fruits 2952
foliage and shoot 1104, 4491
stem rusts 620, 1111, 4478, 6198, 6200, 6902
wilts, dieback 3700
economics 4790
fertilizers 185, 2696, 2697, 2701, 2931, 4044, 5500, 5665
flowering 2931, 6025
foliage, chemistry 2898
genetics/breeding 146, 1019, 1064, 1904, 3657, 4849, 5373, 6831, 6902
grazing and pasture 5792
habit 4849
increment and yield 296, 360, 623, 1364, 1696, 1697, 1766, 1821, 3547, 4006, 4044, 4756, 4796, 4799, 4860
injury by, snow 7378
insect pests
Col. 68, 1560
Dipt. 3749
Hem. 2948
Lep. 6952
measurement tables 1821, 3497, 4860
mycorrhiza 185, 2494, 3677
nursery management 2294, 2697
nutrition 6904
oils 2898
palaeoecology 4374
phenology 360
physiology 2953
plantations in
Argentina 4795
Australia, NSW 1331, 3790
Colombia 3444
South Africa 4817, 5677
Tanzania 4006
USA 5616
planting stock 1280, 7202
pollen 2953, 6025
production, biological 606, 5792
provenance studies 145, 167, 185, 186, 1696, 1697, 2244, 2681, 3331, 4005, 5610
pruning 1766
radiation, effect of 606
resin 6496
resin-tapping 68, 1064, 4148
roots, systems, distribution 185
rootstock for grafts 1104
seed
germination 1256
pests and diseases 2948
sorting 1256
treatment 199
seed orchards 2948, 4025
seed production 4025
seedlings 2494, 7475
shoot, growth and development 1932, 2956
silvicultural characters 1438
silviculture 1438, 5885
soil 185, 3547
flora 7401
spacing 3444, 4799
stem, form 7378
thermal relations 6025
thinning 1315, 1821, 3444, 4796, 5753

Pinus elliottii *contd.*
variation 1904
water relations 185, 3586
weed control 2294
wildlife 1585, 2589, 3764, 3790
wood
defects 1429
properties and uses 1438
quality 359, 361
variation, genetic 357
variation with growth factors 357, 359
P. elliottii densa 5610
P. excelsa 7579
P. gerardiana 6539
P. halepensis
dendrochronology 583
diseases and disorders 42
wilts, dieback 7579
distribution 7107, 7502
ecology 7107
forest types 3654, 4376, 6434
increment and yield 4006
injury by, precipitation 5853
insect pests 6213
mycorrhiza 2497
nursery management 2869
plantations in
Argentina 5386
arid regions 5386
Morocco 6213
Tanzania 4006
plantations on, catchment areas 4638
roots
growth 2869
systems, distribution 2869
seed, treatment 5368
sowing, direct 5368
taxonomy 4348
P. hartwegii 1812, 2963, 6811
P. heldreichii 2970, 7107
P. heldreichii leucodermis (see *Pinus leucodermis*)
P. insularis (see *Pinus kesiya*)
P. jeffreyi 599, 949, 5733, 5738, 5977, 6000
P. kesiya
diseases and disorders
foliage and shoot 69, 2053
wilts, dieback 63
ecology 4371
fertilizers 1720
foliage, chemistry 381
genetics/breeding 140, 146, 189
grazing and pasture 5210, 7022
increment and yield 1697, 1720, 3309, 4006, 4077, 4371, 4372, 4765, 5603
insect pests
Col. 6931
Hem. 4537
Lep. 7601
light relations 7217
nursery management 3399, 4050
oils 381
plantations in
Brazil 4008
Colombia 5603
Tanzania 4006
Thailand 5210
Uganda 1720
Zambia 4811
plantations on, grassland 4372
production, biological 4371
provenance studies 145, 186, 189, 1697, 3309, 5610
resin-tapping 4145
roots, growth 7217
seed
germination 2689, 4023, 6532
pests and diseases 6532
storage 2689
seed orchards 4025
seed production 4025
site preparation 4083, 6599
site quality 4765
spacing 4077, 7170
taxonomy 4351, 4352
thermal relations 7217
weed control 1720
P. koraiensis 1408, 1438, 1441, 3468, 3752, 4080, 4378, 6241, 6633, 6662, 7150, 7203
P. lambertiana 1477, 2842, 5977, 6756, 7030

Pinus *contd.*
P. laricio calabrica (see *Pinus nigra maritima*)
P. laricio corsicana (see *Pinus nigra maritima*)
P. leiophylla 145, 186
P. leucodermis 3411, 7107 (see also *Pinus heldreichii*)
P. luchuensis 1273, 1439, 1599
P. maritima (see *Pinus pinaster*)
P. massoniana 43, 69, 146, 1438, 1634, 2898, 3900, 4435
P. maximinoi 1500
P. merkusii
diseases and disorders, foliage and shoot 2053
foliage, chemistry 2898
genetics/breeding 146, 3016, 5388, 6844
increment and yield 5321
insect pests, Hym. 43
measurement tables 5321
nursery management 3900, 5323
oils 2898
plantations in, Vietnam 1634
propagation by grafting 3348
provenance studies 145, 5604
seed
germination 2689
storage 2689
seed orchards 4025
seed production 4025, 4030
variation 4435
P. michoacana 145, 186, 5610
P. montezumae 145, 1560, 1697, 6812
P. monticola
diseases and disorders
decay 3026, 3698
root 3698
stem rusts 1100, 3034, 3698
genetics/breeding 5373
increment and yield 3028
injury by, gases and fumes 3028
insect pests, Col. 4570
production, biological 1806
P. mugo
bark, anatomy 3601
buds 616
chemotaxonomy 3658
distribution 7107
ecology 7107
forest types 3411
genetics/breeding 3014
hybrids 3014
increment and yield 3411
insect pests
Hem. 6363
Hym. 2536, 7641
mycorrhiza 6366, 6876
nursery management 6368, 6369
phenology 6362
plantations in, New Zealand 6364
plantations on, erodible sites 6364
planting stock 3411, 6368, 6369
provenance studies 6363
roots, growth 6362
shoot, growth and development 6362
soil 7412
sowing, direct 6365
water relations 5958, 7412
P. mugo mughus 861, 3826
P. mugo uncinata 3826
P. muricata 2970
P. nigra
arboreta 2969
bark, uses 2719
chemical constituents 174
Christmas trees 4483
diseases and disorders, foliage and shoot 3059, 4247
distribution 7107, 7502
ecology 7107
fertilizers 3377, 4247, 4270, 6567
fire, reaction to 7442
forest types 4421, 6100, 6101, 6702
genetics/breeding 5373, 6133, 6247, 7511
habit 4386
increment and yield 456, 961, 2719, 2802, 2912, 3377, 3477, 3478, 7347
injury by
frost 1247, 4483
nematodes 3094
salt 2413

Pinus nigra *contd.*
insect pests
Hym. 7641
Lep. 6247
light relations 2802
litter/humus 4247, 5914
measurement, log 3471
measurement tables 3477, 3478, 7347
mixtures 4109
mycorrhiza 2497
nursery management 1279, 2264, 2719, 5716, 5730
nutrition 2826, 4270, 7347
phenology 5930, 6133
photosynthesis 394
physiology 2912
plantations in
Canada, Newfoundland 5606
France 4262
USSR, Russian region, central 1247
USSR, Ukraine, Crimea and Moldavia 3306
plantations on
erodible sites 5177
marginal, waste, degraded land 3377
mining wastelands 456, 6567
roadsides 2411
sand dunes 4659
planting stock 1279, 1732, 2717
production, biological 2912, 6101
protection and preservation 2128
provenance studies 174, 175, 456, 1253, 4004, 6247
roots
growth 1732, 2264
systems, distribution 1732
seed
grading, quality 1262
treatment 5368
variation 1262
seed production 702
shelterbelts 7056
silviculture 1311
site requirements 5374
soil 5914, 6702, 7413
effect on 4262
sowing, direct 5368
spacing 4109, 5985
successional role 3638
thinning 4104
variation 961
water relations 2912, 5930, 6711, 7408, 7413
weed control 5716, 5719, 5720, 5721, 5722, 5723, 5730
weedkillers, effect of 5721
wildlife 2126, 2128
wood
anatomy 5985
grain and figure 961
P. nigra maritima 1105
P. oaxacana 145
P. occidentalis 4786, 5372, 7170
P. oocarpa
diseases and disorders, foliage and shoot 69
fertilizers 1720, 3386, 4044
genetics/breeding 140, 146, 189, 4434
increment and yield 1697, 1720, 3313, 4044, 5603
insect pests 44
Hym. 43
Lep. 2561
management 314
measurement, tree and stand 5796
nursery management 3399
physiology 133
plantations in
Brazil 4008
Colombia 5603
Nigeria 4011
Uganda 1720
Zambia 4811
planting stock 3400
production, biological 133
provenance studies 133, 145, 186, 189, 1697, 3313, 4002, 4005, 4011, 5610, 6524, 6529
resin-tapping 4145
seed
sources of supply 4008
weight 4434
seed orchards 4025

Pinus oocarpa *contd.*
seed production 4025
site preparation 4083
weed control 1720
wood
variation, genetic 357
variation with growth factors 357
P. oocarpa ochoterenai 44, 186
P. palustris
chemical constituents 968
cone, production 2937
diseases and disorders, foliage and shoot 7555
fertilizers 2937
fire, reaction to 6002
flowering 6025
forest types 4266, 6826
increment and yield 1697
insect pests, Col. 68
irrigation 2937
litter/humus 3548, 3561
nutrition 4266
physiology 3561
plantations in
USA 5616
USA, South Carolina 3548
pollen 6025
propagation, vegetative 5631
provenance studies 186, 1697
reproductive behaviour 6858
resin-tapping 68
seed, treatment 199
seed orchards 2937
site preparation 554
site quality 5906
soil 3561, 5906
thermal relations 6025
variation 6858
water relations 3561
wildlife 3764
P. patula
burning, controlled 1433
diseases and disorders
decay 1323
wilts, dieback 7579
fertilizers 1720, 3676, 5659
foliage, chemistry 70
genetics/breeding 142, 1984, 5373, 6831, 6834, 7509
hydrology 2601
increment and yield 275, 619, 1720, 1767, 1814, 2301, 2356, 2806, 3480, 3676, 4006, 4101, 4173, 4756, 4796, 4799, 5603, 5822, 6650, 6653
injury by
drought 2806, 4173
hail 2806
logging 770
insect pests 49
Lep. 2572
logging 5746
measurement tables 2356, 3480, 3497, 4167, 5822
mycorrhiza 1537, 1538, 3675, 3676, 7560
nursery management 1726, 3399
nutrition 6650
plantations in
Africa 619
Colombia 3444, 5603
Ethiopia 3998
South Africa 4817, 5677
Swaziland 770
Tanzania 4006
Uganda 1720
planting methods 2285
planting stock 7202
production, biological 4173
provenance studies 145, 186, 2239, 5610
pruning 1323, 1767, 4105
regeneration, artificial 4664
seed
germination 1256
sorting 1256
seed orchards 4025
seed production 4025
silviculture 5380
site preparation 4083
site quality 6651, 6652
spacing 1814, 3444, 4174, 4799, 5822
stand density 5822, 6653
stem, form 6653
thinning 1315, 1319, 1767, 2301, 3444, 3453, 4101, 4174, 4796, 5822

Pinus patula *contd.*
variation 1984, 2419
weed control 746, 1720
wildlife 1585
wood
variation, genetic 357
variation with growth factors 357, 6748
P. peuce 196, 462, 2692, 2718, 2970, 3411, 3601, 4251, 4386, 6063, 7107, 7412
P. peuce × ***P. strobus*** 462
P. pinaster
bark, uses 7200
burning, controlled 1922
chemical constituents 390, 391, 1046, 1048
diseases and disorders
seedling 6891
stem rusts 2052
wilts, dieback 3700
distribution 7107
ecology 7107
fertilizers 3434
foliage, chemistry 1048
forest types 4376, 7013
genetics/breeding 1023, 1046, 1047, 1048, 1055, 1062, 2052, 6839
hydrology 7687
increment and yield 1697, 1809, 1810, 1811, 3434, 4006, 4237, 4796
injury by
drought 4237
frost 3520
nematodes 6288
snow 3520
insect pests 6213
Col. 1122, 2087, 6259
Hem. 6238
interplanting in, broadleaved species 3650
measurement tables 3497
measurement, tree and stand 1809, 1811
mixtures 3520
nursery management 1725, 2265, 2869
physiology 3612
plantations in
Australia, Western Australia 3434
France 5691
Morocco 6213
Spain 1922
Tanzania 4006
plantations on, erodible sites 5177
propagation, vegetative 5644
provenance studies 186, 1245, 1697, 5610
remote sensing 6238
roots
growth 2265, 2869
systems, distribution 2869
seed, treatment 5368
sowing, direct 247, 5368
thinning 3434, 4796
tissue culture 5644, 5646, 5647, 7185
translocation 3612
underwood 419
weed control 1725
wood, sawdust 7200
P. pinceana 6766
P. pinea 6193
anatomy 2431
diseases and disorders
stem rusts 2052
wilts, dieback 7579
distribution 7107, 7502
ecology 7107
fertilizers 4043
forest types 6099, 6101
genetics/breeding 1023, 1062, 2052
increment and yield 814, 1697
injury by, lightning 330
mycorrhiza 2497
nursery management 2873, 3402
nutrition 5966
plantations in, USSR, Ukraine, Crimea and Moldavia 3305, 3306
production, biological 6101
provenance studies 1697
roots, growth 2873
seed
edible 5230
treatment 5368
seedlings 2431
sowing, direct 5368

Pinus *contd.*
P. pithyusa 4348, 5469, 7579
P. ponderosa
burning, controlled 365, 6753
cone
pests and diseases 6932
production 2923, 2938
control, chemical 1764
diseases and disorders
foliage and shoot 4491
stem rusts 2001
wilts, dieback 506, 7579
distribution 7522
ecology 6980
fertilizers 2938
fire
danger 2842
reaction to 5992, 6119, 6756
foliage 1900
forest types 5873, 5992, 6119
genetics/breeding 172, 2923, 5358
grazing and pasture 6308
habit 7522
increment and yield 456, 4773, 5358, 5977
injury by
birds 7030
frost 1724
gases and fumes 1900, 5977
mistletoe 521
insect pests 6932
Col. 536, 1564, 4571, 6277, 6278, 7634
Lep. 3114, 6249
management 7734, 7740
measurement, tree and stand 6315, 6344
nursery management 608, 1458, 1724
phenology 6362
phylogeny 7522
plantations in, Argentina 4773
plantations on
catchment areas 565, 4053
mining wastelands 456
planting methods 4053
planting stock 1458, 2877, 6577
production, biological 606, 1806
propagation, vegetative 7522
provenance studies 456, 3331
radiation, effect of 606
regeneration, artificial 7211
regeneration, natural 4053, 7211
reproductive behaviour 7522
resin 7634
roots
growth 1458, 1477, 2877, 6362
systems, distribution 2877
seed
germination 1263, 1708
grading, quality 2943
pests and diseases 1263, 6932
physiology 2940
testing 1263
treatment 2943
seed orchards 6932
seed production 2938
shelterbelts 2001
shoot, growth and development 6362
silviculture 1311
site preparation 5733
soil 3554, 5873
sowing, direct 2877, 4789
taxonomy 7522
thinning 765, 1764
variation 2923, 5358, 7522
water relations 6711
weed control 5733
weedkillers, effect of 243
wildlife 243, 4529, 6315, 6344
wood
density 4439
stain, fungal 4571
strength properties 4439
variation, genetic 4439
P. pringlei 145, 186
P. pseudostrobus 145, 314, 1500, 3327, 5610
P. pseudostrobus oaxacana 44, 186
P. pumila 2848, 6225, 6759, 6819
P. pungens 5682
P. radiata
allelopathic effects 1332
bark, uses 7200
browse 6419
buds 3339

Pinus radiata *contd.*
burning, controlled 2846
chemical constituents 3339
cone
growth and development 986
production 3339
conferences, symposia 1657
defoliation, artificial 1427
diseases and disorders
complex or unidentified 983
decay 3684, 3685
foliage and shoot 69, 2055, 3684, 3715
root 3684, 3685, 5876
seedling 1540, 5876
stem rusts 67, 4495
wilts, dieback 502, 983, 3055, 3700, 7579
ecology 4531, 6111
economics 2161, 2796
farm woodlands 6419
felling 2796
fertilizers 716, 1721, 1753, 2255, 2706, 2829, 3241, 3339, 3353, 3354, 3356, 3357, 3358, 3360, 3362, 3572, 5662, 5883, 7190
fire, danger 1920
foliage
area 975
chemistry 1421, 3354, 3562, 3576
forest types 2766, 6802
fuel plantations 1243
genetics/breeding 1053, 1293, 3562, 5365, 5373, 6831, 6834, 6837
hydrology 2829
increment and yield 275, 284, 619, 1293, 1361, 1378, 1424, 1721, 1753, 2729, 3241, 3357, 3358, 3413, 3584, 3715, 3891, 4006, 4773, 4796, 5365, 5696, 5747, 6645, 7190
injury by
frost 1340, 2385, 2731, 3519
hail 5858
salt 5854
insect pests 3750, 6213
Col. 6986
Hym. 3724
Lep. 3078, 3729
irrigation 3572
light relations 836
litter/humus 3528
management 636, 819, 1195
measurement, log 3471
measurement tables 3497, 6645
measurement, tree and stand 1366, 3055, 3241, 6645
mycorrhiza 1082, 2496, 3528, 3677, 6171, 7561
nurse to, conifers 2385
nursery management 720, 1725, 2294, 2706, 2869, 2883, 3354, 3355, 3397, 5674, 6369, 6598
nutrition 808, 983, 1424, 1892, 2680, 2846, 3352, 3354, 3355, 3356, 3359, 3562, 3572, 3583, 5883
physiology 5957
plantations in
Africa 619
Argentina 4773
arid regions 2732
Australia 3750
Australia, NSW 1331
Australia, South Australia 3891
Australia, Victoria 819
Australia, Western Australia 6683
Chile 52, 5565
Ethiopia 3998
Morocco 6213
New Zealand 1656, 1657, 2669, 2731, 3151, 3511, 4879
Tanzania 4006
plantations on
catchment areas 6371
erodible sites 5177, 7055
planting 1293
planting methods 5687
planting stock 1293, 6369
poisonous effects 1332
pollen 986
production, biological 242, 808, 1818, 1819, 3891
propagation by cuttings 5632
propagation by grafting 2803
protection and preservation 1611

Pinus radiata *contd.*
provenance studies 145, 186, 3331, 5610, 6522
pruning 1765, 2690, 3413, 3440
research 720
resin-tapping 4144
roots
growth 965, 2869, 2883, 6598
physiology 965
quantitative measures 1818
systems, distribution 2869, 2883, 6598
rotation 1752
seed
collection 720
treatment 720
seed orchards 1325, 3305, 3339, 4848, 6837
seed production 4848
seedlings 1332, 1419, 3519
shelterbelts 1164, 5854
silvicultural systems 2796
silviculture 1195, 3359, 5371
site preparation 1753
soil 1418, 1419, 1421
flora 7399, 7561
spacing 2161, 2729, 3413, 5687, 5696
stand structure 6609
stem, form 5365
thermal relations 2803, 6598
thinning 765, 1311, 1414, 1920, 3413, 3576, 3584, 4796, 5747, 6609
tissue culture 708, 2691, 7184
underwood 419
variation 1293, 6522
water relations 853, 2823, 3583, 5956, 5957, 6598
weed control 1340, 1725, 1760, 2294, 2410, 2739, 5698, 6605
weedkillers, effect of 3428, 4089, 5731, 6605
wildlife 555, 2107, 2127, 2589
wind
effects 1414
resistance 1414
wood
anatomy 2055, 3583
density 2336, 5365, 6522
sawdust 7200
variation with growth factors 836, 1427, 3583
P. radiata × ***P. rigida*** 1088
P. resinosa
chemical constituents 4501
Christmas trees 2297, 4483
cone
pests and diseases 6061
production 6061
cytology 2918
diseases and disorders 3712
canker, bark diseases 4468, 6893, 6915
decay 2031, 4501, 6181
root 2031, 4501, 6181
wilts, dieback 6893, 7578
fertilizers 5498, 6547, 6551, 6559, 6560, 6567
fire, reaction to 1770
genetics/breeding 2918
increment and yield 5816, 5817
injury by, frost 4483
insect pests
Col. 6061
Hem. 7608
Hym. 3092
Lep. 3076, 6061
irrigation 6551, 6558, 6560, 6561
litter/humus 6560
measurement tables 7313, 7314
measurement, tree and stand 1741
mycorrhiza 4486
nutrition 345
plantations in
Canada 4214
Canada, Newfoundland 5606
USA, Michigan 5816
plantations on, mining wastelands 6567
pollen 3622
production, biological 345, 5816, 6559
pruning 5760
research 2918
roots
quantitative measures 1367
systems, distribution 1367
site quality 5817

Pinus resinosa *contd.*
successional role 1007
weed control 2297
weedkillers, effect of 4486
P. rigida
dendrochronology 2645
fertilizers 7135
forest types 2989, 2990, 2991, 2992, 2994, 2996
increment and yield 811
mycorrhiza 7135
nursery management 7135
regeneration, natural 7319
wind, resistance 1415
P. roxburghii 42, 145, 186, 1540, 2245, 2319, 2354, 2557, 2759, 3497, 3735, 4035, 4140, 4148, 4796, 6027, 6531, 6539
P. sabiniana 3307
P. sibirica
chemical constituents 1068, 4320, 4324, 7477
distribution 6813
electrical phenomena 1948, 6055
fire, danger 1919
foliage, chemistry 2441, 3603, 3607
forest types 2459, 2482, 3246
genetics/breeding 1068, 3015, 3251
increment and yield 3249
injury by, frost 4238
insect pests
Hym. 6300
Lep. 973, 6300, 6961
light relations 3251
measurement, tree and stand 3249
nurses for 6055
oils 4320
phenology 4310
physiology 973
pollen 7477
propagation by cuttings 5651
propagation by grafting 1068, 3337
provenance studies 3333, 3337
regeneration, natural 3253
reproductive behaviour 4310
resin-tapping 7302
seed, edible 2315
seed orchards 3333, 3337
silvicultural systems 7212
soil 3246
variation 3251, 7477
***P.* 'Southern'**
bark, chemistry 2439
diseases and disorders
decay 1996
foliage and shoot 1996
stem rusts 6899
forest types 6826
genetics/breeding 6129, 6853
increment and yield 1743
insect pests
Col. 3744, 6261, 6991, 7627
Hem. 2950
nursery management 5732
plantations in, USA 5557
seed orchards 2934, 2950, 6129
seed production 2934
silviculture 1743
weedkillers, effect of 5732
P. strobus
allelopathy 4328
Christmas trees 2297, 4483
dendrochronology 2645
diseases and disorders
root 1085
wilts, dieback 7579
economics 5848
electrical phenomena 977
fertilizers 6559, 6567, 6568, 6569, 7191
fire, reaction to 1770
forest types 1614
genetics/breeding 182, 457
habit 6021
increment and yield 182, 457, 7191
injury by
frost 4483
gases and fumes 2835, 3579, 3582
nematodes 3094
precipitation 3579
salt 2413
insect pests
Col. 379, 2580, 6976
Hym. 6929, 7641, 7645
Lep. 2955

Pinus strobus *contd.*
insecticides, effect of 2955
measurement tables 7312
measurement, tree and stand 6021
plantations on
marginal, waste, degraded land 2157
mining wastelands 6567, 6568, 6569
planting stock 2717
production, biological 6559
propagation by grafting 2692
provenance studies 182, 2241, 3331
pruning 5760
resin 379
rootstock for grafts 462, 2692
seed
germination 196
sources of supply 196
seed orchards 2692
successional role 1007, 1974
underwood 3458
variation 182, 457
weed control 2297
P. strobus chiapensis 140, 189, 369, 5610
P. sylvestris
allelopathy 4328, 5762
antibiotics 4318
bark
chemistry 1941, 2902, 4132
decomposition 1739
uses 2719, 4132
browse 383, 4623, 6340
buds 4494, 6019
calorific value 670
cambial activity 1950
chemical constituents 459, 1068, 1893, 2775, 2905, 3660, 4146, 4149, 4320, 4324, 6749, 7510
chemotaxonomy 3658
Christmas trees 2297
cleaning 761, 763
cone
collection 194
growth and development 6745
injuries 6745
measurement 4021
pests and diseases 2946
production 1260, 1978
crown, dimensions 4163, 6059
cytology 6130, 7508
dendrochronology 888, 3860, 4719
diseases and disorders 2025, 6178
canker, bark diseases 509, 4510
complex or unidentified 403
decay 3042, 3043, 3044, 3254, 3431, 6182, 6186
foliage and shoot 2056, 3061, 4491, 4513, 6908
root 3042, 3043, 3044, 3431, 6182, 6186
seedling 1541, 3065, 3683, 6180, 6885
stem rusts 2048
distribution 3639, 4381, 7107, 7502
dwarf trees 1436
ecology 1510, 7107
economics 766, 829, 1409, 5841
electrical phenomena 1948, 3595, 4338
fertilizers 203, 209, 210, 211, 225, 257, 713, 714, 868, 870, 1272, 1274, 1718, 1723, 2023, 2388, 2389, 2700, 2703, 2775, 3373, 3390, 3461, 4042, 4265, 5652, 5657, 5661, 5664, 5884, 6019, 6573, 6602, 7135, 7191, 7193, 7195, 7224
fire, danger 363, 1912, 1919, 5996
flowering 368, 1021, 1440, 2926
foliage 1912
chemistry 346, 383, 403, 868, 879, 963, 1941, 2441, 2827, 3603, 3606, 4318, 6182, 6769, 6770, 6771, 6772
uses and products 788
forest types 2340, 3127, 3246, 3411, 3639, 4177, 4389, 6101, 6110, 6122, 6126, 6521, 6702, 6703, 6704
fungi associated with 2492
genetics/breeding 459, 468, 469, 1021, 1061, 1068, 1069, 1076, 1491, 1528, 1530, 1976, 1978, 1982, 1983, 2486, 3014, 3015, 4149, 4436, 4437, 4438, 5361, 5373, 6138, 6852, 7508, 7510
grazing and pasture 6321
growth regulators in 7484
habit 403, 6110
hybrids 3014, 6785

Pinus sylvestris *contd.*
hydrology 344, 346, 854, 1151, 2602, 3570, 4642, 5951, 7689
increment and yield 211, 225, 276, 283, 284, 306, 336, 524, 627, 693, 713, 714, 736, 740, 789, 795, 810, 816, 1258, 1272, 1316, 1320, 1375, 1376, 1528, 1730, 1748, 1826, 1950, 1953, 2308, 2341, 2700, 2719, 2733, 2775, 2776, 2782, 2783, 2791, 2802, 2912, 3089, 3249, 3250, 3373, 3392, 3405, 3411, 3420, 3438, 3477, 3478, 3481, 3498, 4064, 4107, 4108, 4143, 5361, 5657, 5749, 5806, 5821, 5824, 6573, 6595, 6602, 6697, 7191, 7341, 7344, 7346, 7348
injury by
drought 840, 1423, 4437, 5855, 7396
dust 352, 353, 1893, 6743
fire 3595
flooding 7484
frost 1952, 1955, 5855, 6698
gases and fumes 352, 353, 878, 1893, 2415, 3061, 4494, 6722, 6742, 6743, 6745
logging 7429, 7430
nematodes 546, 3094
precipitation 2805
recreational activities 1179
wind 537
insect pests 1574, 2946, 3096, 4616, 6225, 6229, 6643
Col. 537, 1117, 1123, 1124, 1136, 1561, 1572, 2733, 3087, 3089, 3736, 6210, 6218, 6223, 6269, 6274, 6973, 6979, 6992, 7441, 7636
Dipt. 6285
Hem. 524, 6363, 7610
Hym. 459, 7641, 7644, 7645, 7649, 7659
Lep. 3077, 6110, 6222, 6966, 7625
interplanting in, conifers 740, 5384
interplanting with, broadleaved species 2388, 2389
irrigation 5884, 6553, 6558
light relations 1951, 1952, 1955, 2802, 2909, 3609, 6698
litter/humus 1885, 4244, 5909, 5913, 5914, 5923, 6707
logging 7292
management 5824
measurement, log 4161
measurement tables 816, 1376, 2783, 3250, 3477, 3478, 3498, 4143, 5821, 7346
measurement, tree and stand 737, 789, 795, 829, 1177, 2339, 2341, 2728, 2768, 2793, 3249, 4165, 4172, 5748, 5793, 6643, 7318, 7348
microclimate 5940, 5942, 5948
mixtures 240, 277, 4107, 4108, 5762, 7348
mycorrhiza 2023, 6875, 7135
nursery management 546, 722, 1467, 1469, 1471, 1472, 1731, 2025, 2263, 2705, 2712, 2719, 3392, 3393, 3609, 4052, 6368, 7135, 7207, 7209
nurses for 6428
nutrition 346, 347, 403, 859, 860, 868, 870, 969, 1423, 1893, 2353, 2826, 3570, 4265, 5884, 5964, 6553, 6698, 7224
oils 4146, 4320
palaeoecology 424
phenology 368, 6019, 6362
phloem 4338
photosynthesis 398, 399, 1953, 6059, 6779
physiology 879, 969, 978, 1951, 2909, 2912, 3611, 4286, 5941
plantations in
Bulgaria 2748
Canada, Newfoundland 5606
France 4262
Sweden 2728
USSR 1291
USSR, Baltic states 768
USSR, Russian region, central 737, 1747
USSR, Russian region, south-eastern 244
USSR, Transcaucasia 738

***Pinus sylvestris** contd.*
plantations in *contd.*
USSR, Ukraine, Crimea and Moldavia 1285
plantations on
bogs 203
dry sites 7415
flood plains 1145
heathland 3441
marginal, waste, degraded land 2157, 3822, 7129
peatland 2158, 3481
roadsides 568
sand dunes 89, 4836
planting 740, 1528
planting methods 1295
planting stock 225, 722, 1277, 1467, 1471, 1472, 1730, 1747, 2717, 3411, 4052, 6368, 6594, 6595
pollen 404, 6782
pollination 1027, 1491, 1956, 6785
production, biological 277, 347, 1365, 2353, 2775, 2912, 5813, 5964, 7327
propagation by cuttings 5633, 5640, 7129
propagation by grafting 1068, 2926, 3337, 5785
protection and preservation 1619, 2128, 3858
provenance studies 353, 693, 1069, 1530, 3015, 3333, 3334, 3335, 3337, 4004, 5611, 6363
pruning 766, 7237
regeneration, artificial 2281, 4070, 7210
regeneration, natural 730, 732, 2281, 2727, 2775, 3404, 3405, 3407, 4069, 4070, 7210, 7213, 7214, 7429, 7430
remote sensing 317, 7368
reproductive behaviour 404, 6019, 6783, 7181
research 2714
resin 672, 2486, 3660, 6749
resin-tapping 1348, 2763, 3461, 3588, 4143, 4147, 5785, 7303
respiration 6059
roots
growth 1435, 1467, 1469, 1471, 1472, 6362
physiology 1942
systems, distribution 1435, 1469, 1942
rootstock for grafts 2692
seed
chemistry 970, 6885, 7567
germination 469, 4028, 5672, 7176
grading, quality 6885, 7182
morphology 6885, 7567, 7625
pests and diseases 2946, 7567
treatment 469, 3065, 5368, 5672
variation 7625
seed orchards 368, 1027, 1440, 1491, 3333, 3337, 4018, 4436, 5855
seed production 1258, 1260
seed stands 7181
seedling culture 2714
seedlings 4344
shelterbelts 1756, 3137, 7056
shoot, growth and development 1359, 6362
silvicultural characters 2848
silvicultural systems 1983, 3404, 4064, 4997
silviculture 244, 4063, 6521
site preparation 225, 2733
site quality 810, 1370, 1371, 2340, 4177
site requirements 5374
soil 2388, 2389, 2703, 2819, 3246, 3248, 5914, 6573, 6698, 6702, 6703, 6704, 7396, 7413
effect on 3539, 4262
fauna 1274, 3550, 4997, 5923, 7659
flora 2400, 5652, 6707, 7400
soil requirements 336
sowing, direct 1467, 4789, 5368, 5672
spacing 736, 737, 886, 1285, 2700
stand density 5748
stem, form 264, 4164
stump, treatment 672
successional role 3247, 3638
thermal relations 404, 1952, 1955, 3609, 4235, 6697
thinning 761, 816, 1285, 1316, 1320, 1322, 1787, 1897, 2339, 2748, 3431, 3438, 3498, 5748, 5749, 6186
transpiration 1953, 5932

***Pinus sylvestris** contd.*
tree classes 6467
underplanted with, broadleaved species 3536
underwood 6438
variation 459, 1436, 1978, 4149, 5361, 5785, 5855, 6059
water relations 854, 2822, 2912, 3420, 5941, 5944, 5945, 5952, 5953, 6602, 6697, 7224, 7413
weed control 231, 1748, 1756, 1761, 2291, 2297, 2768, 3423, 4623, 5701, 5710, 5712, 5721, 5722
weedkillers, effect of 231, 5721
wildlife 1117, 2126, 2128, 2588, 3127, 4616, 7679
wood
anatomy 3587, 6037, 6722
physical and mechanical properties 6037
quality 886
variation with growth factors 737, 886, 3587, 5987
P. tabulaeformis 1438, 7608
P. taeda
bark
chemistry 382, 2439
variation 382
branches 2931
buds 2931
chemical constituents 3013
cone, collection 5627
diseases and disorders
canker, bark diseases 2009, 2011
complex or unidentified 2447
decay 4493
foliage and shoot 4491
root 4493
stem rusts 513, 2014, 2051, 2262, 4478, 5616, 6198, 6200
wilts, dieback 3700
fertilizers 206, 794, 2262, 2931, 4660, 5663, 6568, 6569, 7135, 7192
flowering 1033, 2931, 2957, 6025
forest types 6826
genetics/breeding 146, 2051, 2262, 3013, 3325, 3657, 4821, 5373, 6129, 6831, 6853, 7521
hybrids 7521
increment and yield 206, 360, 1696, 1702, 2262, 4793, 4796, 4799, 5603, 5663, 7232
injury by, snow 7378
insect pests
Col. 382, 536, 1118, 1131, 1560, 1563, 2552, 3743, 4528, 6298, 6997, 7628, 7630
Lep. 5663
measurement tables 3497
measurement, tree and stand 794, 7317
mycorrhiza 6175, 7135
nursery management 2294, 7135
phenology 360
plantations in
Argentina 4795
Australia, NSW 1331, 3790
Colombia 3444, 5603
South Africa 4817, 5677
USA 5616
plantations on, mining wastelands 4660, 6568, 6569
planting stock 7202
pollen 988, 6025
production, biological 606, 5804
propagation, vegetative 706
provenance studies 141, 145, 167, 186, 1696, 1702, 2244, 2681, 3331, 4821, 5610, 7171
radiation, effect of 606
reproductive behaviour 2957, 7521
roots
chemistry 2870
growth 1475, 2871
systems, distribution 1475, 2870, 2871
seed
germination 1256
grading, quality 4793
sorting 1256
seed orchards 2935, 2936, 4025
seed production 2936, 4025
site preparation 4084
site quality 5814
soil 382

***Pinus taeda** contd.*
soil *contd.*
flora 2825
spacing 3444, 4799
stem, form 7378
thermal relations 6025
thinning 1315, 3444, 4796, 7192, 7232
tissue culture 706
variation 4821, 7521
water relations 1475
weed control 228, 1308, 2294
weedkillers, effect of 6608
wildlife 1585, 3765, 3790
P. taiwanensis 186, 7563
P. tenuifolia 44, 186, 5610
P. thunbergii
diseases and disorders, stem rusts 4508
embryo culture 3613
foliage, chemistry 1025
genetics/breeding 1025
increment and yield 4175
injury by, nematodes 1570, 2569
insect pests
Dipt. 1025, 7651
Hem. 7608
Lep. 4280
light relations 1411
litter/humus 5927
soil, flora 5927
wood
anatomy, growth rings 4175
variation with growth factors 4280
P. tropicalis 4786, 5372, 6641, 6657, 6968, 7170
P. uncinata 6362, 6363, 7107
P. uncinata rotundata 3658
P. virginiana
bark, chemistry 2439
control, chemical 1757
diseases and disorders, canker, bark diseases 2009
fertilizers 6568, 6569, 7135
genetics/breeding 5373
injury by, salt 881
mycorrhiza 7135
nursery management 7135
plantations on, mining wastelands 6568, 6569
provenance studies 186, 3331
P. wallichiana 42, 2363, 2504, 3342, 6484, 6539, 6855
P. yunnanensis 1438
Pisolithus arhizus 484
P. tinctorius 597, 3679, 4048, 6175, 6878, 7135, 7563
***Pissodes* spp.** 537, 4530
P. fasciatus 3738
P. gyllenhali 6225, 7636
P. notatus 2087, 6213, 6269
P. pini 6269
P. piniphilus 6269
P. strobi 462, 6270
biology and ecology 542, 3742, 4570, 6976
control 2580
host relations 542
resistance to 379, 4570
Pistacia cabulica 1992
P. chinensis 2883
P. lentiscus 2476, 6099, 6434
P. vera 1992, 5783, 7300, 7301
***Pithecellobium* spp.** 6069
P. arboreum 2974
P. dinizii 6069
P. dulce 6069
P. saman (see *Samanea saman*)
Pittosporum tobira 976, 1189
Pityogenes chalcographus 537, 1117, 1136, 7636
Pityokteines curvidens 1120
Pityophthorus opaculus 6983
Plagionotus detritus 2079
Plagithmysus bilineatus 497
Planchonella firma 1434
P. thyrsoidea 1434
***Platanus* spp.** 2039, 2179, 2642, 3227, 3228, 3229, 3231, 3234, 3235, 6036, 6192, 6568
P. × acerifolia 1941, 2498, 2555, 2833, 3231, 3233
P. chiapensis 3231
P. kerrii 3231
P. lindeniana 3231

Platanus *contd.*
P. oaxacana 3231
P. occidentalis
calorific value 3488
control, chemical 4093
diseases and disorders
decay 2012
foliage and shoot 3232
root 2012
ecology 1335
flowering 2450
foliage, chemistry 378
forest types 6118
fruiting 2450
genetics/breeding 458, 2489
growth regulators, effect of 971
increment and yield 378, 458, 1374, 2780
irrigation 6553
nutrition 6553
photosynthesis 2450
plantations in, USA 5616
planting season 1294
production, biological 3488
provenance studies 2489
seed, germination 1335
silviculture 1335, 3231
spacing 2780
successional role 7708
underplanted with, broadleaved species 378
variation 458
P. orientalis 3231, 3232, 6576
P. racemosa 3231
P. wrightii 3231
Platycladus orientalis 1189
Platypodidae 6978, 7603
***Platypus* spp.** 3041, 3052
P. apicalis 1571
P. gerstaeckeri 2084
Plecotus auritus 6313
***Plectocomia* spp.** 6792
P. muelleri 991
***Plectocomiopsis* spp.** 1795, 6792
Pleioblastus chino 1009, 7678
***Pleistophora* spp.** 7618
P. schubergi 3097
Pleolophus basizonus 3747
Pleurotus ostreatus 393, 2505, 2509, 7307
Podocarpaceae 100, 5568
***Podocarpus* spp.** 2977
P. dacrydioides 420
P. ensiculus 2238
P. falcatus 3174, 6459
P. ferrugineus 4375
P. gracilior 2238
P. hallii 1127
P. lambertii 791
P. macrophyllus 1189, 1358
P. milanjianus 2238
P. nivalis 331
P. nubigenus 1938
P. salignus 1938, 1975
P. spicatus 420, 1127, 4375
P. totara 420, 1127
P. usambarensis 2238
P. usambarensis dawei 2238
***Podocnemis* spp.** 7033
P. expansa 7033, 7034
P. sextuberculata 7034
***Podoluma* spp.** 6076
P. benai 6076
Pogonophora schomburgkiana 6030
Polistes fuscatus 6233
***Polygraphus* spp.** 6225
Polymnia pyramidalis 2858
Polyodon spathula 3132
Polyporales 3669, 7553
***Polyporus* spp.** 2512
P. adusta 1078
P. betulinus 2509, 7558
P. brumalis 2020
P. epileucus 2020
P. hispidus (see *Inonotus hispidus*)
P. squamosus 2509, 2511
P. sulphureus 2079, 2505
P. tomentosus 1542, 7570
P. versicolor (see *Coriolus versicolor*)
Polystictus versicolor (see *Coriolus versicolor*)
Pomaceae 4317
Pongamia glabra 5782
Pongo pygmaeus 6735
P. pygmaeus abelii 6348
Pontogammarus robustoides 6739
***Populus* spp.**
bacteria associated with 6205
cambial activity 2491
chemical constituents 6901
conferences, symposia 7527
coppice 7529
diseases and disorders 1539, 2490, 2491, 6903
canker, bark diseases 4507, 7539
foliage and shoot 4487, 4488, 4514, 6158, 7589
stem rusts 511, 4152, 6901
virus 7535
wilts, dieback 6195
electrical phenomena 6903
fertilizers 3560, 5501, 5695, 6547, 6567, 6572, 7288
foliage
chemistry 562, 2322
uses and products 2322
forest types 576, 6713
fuel plantations 2234, 2235, 2236
genetics/breeding 119, 1055, 5360, 5373, 6144, 6155, 6158, 6205, 6903, 7527, 7535, 7536, 7537, 7539, 7542, 7546
grazing and pasture 5541
hybrids 6152, 6860, 6971
increment and yield 806, 2349, 2780, 5360, 5695, 5984, 6451, 6572, 7536
injury by
frost 7377
gases and fumes 5978
rodents 2593
insect pests 2642
Col. 1126
Hem. 6941
Isopt. 7605
Lep. 2097, 2098, 3731, 6250, 6252, 6304, 6971, 7016, 7020
interplanting with, agricultural crops 5201
irrigation 6563
leaf, anatomy 6867
litter/humus 562, 563
management 7082
measurement tables 7312
measurement, tree and stand 3467
microclimate 5942
mycorrhiza 2613
nursery management 2737, 6304
nurses for 576
nutrition 874
phenology 7542
photosynthesis 612
plantations in
Belgium 7288
Canada 5772
France 2310, 7288, 7289
Italy 776, 5201, 5265, 5370
Netherlands 2286, 5688, 6669, 6670
Papua New Guinea 4514
plantations on
erodible sites 6367
former fields 5265
marginal, waste, degraded land 6621
mining wastelands 2613, 6567, 7712
planting methods 6451
planting stock 116, 2286, 7208
production, biological 1803, 4600
propagation by cuttings 2889, 5641, 6152, 6541
provenance studies 119, 3314, 7527, 7537
pruning 4106, 6613, 7235, 7236
remote sensing 825
roots
growth 2179, 2889, 3560
systems, distribution 874, 2179
seed 116
morphology 3341
shelterbelts 1164, 3137, 6252, 7131, 7706
silvicultural systems 7290
silviculture 5772, 5984, 7529, 7536, 7546
site requirements 5374
soil
fauna 3560, 5925
flora 3560
spacing 2349, 2751, 2780
stand development 806
successional role 4600
thinning 2751
variation 5360, 7542
***Populus* spp.** *contd.*
water relations 874
weed control 2737, 5695
wildlife 6563, 7085
wood
anatomy 2853
borers 2085
physical and mechanical properties 5984
variation with growth factors 2853, 5984
***P.* (*Aigeiros*)** 119, 6204, 6866, 7537
***P.* (*Leuce*)** 2488, 6147, 6866
***P.* (*Tacamahaca*)** 119, 3304, 6866, 7537
P. alba 5207
general information 6761
genetics/breeding 475, 7533, 7543
hybrids 7543
plantations in, France 7289
propagation by cuttings 128, 200
provenance studies 3328
tissue culture 475, 7132
variation 128
P. alba pyramidalis 128
P. alba pyramidalis* × *P. tremula 128
P. alba* × *P. glandulosa 1695, 7538, 7132
P. alba* × *P. grandidentata 1166, 6860
P. alba* × *P. tremula 6147, 7132
***P.* 'Androscoggin'** 3304
P.* 'Angulata' × *P. trichocarpa 5771
***P.* 'Bachelieri'** 3999
P. bachofeni 7194
P. balsamifera
cytology 7508
genetics/breeding 7508, 7533
hybrids 6860
increment and yield 4191, 7229
measurement tables 4191
shelterbelts 851, 4655, 7229
tissue culture 7481
water relations 851
weed control 7229
P. balsamifera* × *P. tristis 230
***P.* 'Barn'** 2349
P.* × *berolinensis 474
***P.* 'Blom'** 3304
***P.* 'Campeador'** 1802
***P.* × *canadensis* aggr.**
control, chemical 6604
diseases and disorders
canker, bark diseases 6204
foliage and shoot 1106, 4487, 6204
stem rusts 6910
fertilizers 711, 3376, 3380
foliage, chemistry 6723
genetics/breeding 119, 474, 6144, 6204, 7533
increment and yield 605, 3380, 3517, 4779
injury by, gases and fumes 6723
interplanting with, agricultural crops 5214
nutrition 3376
physiology 3612
plantations in
Argentina 4764, 4779
Canada 5772
Netherlands 3304
Pakistan 4771
Spain 4775
plantations on
marginal, waste, degraded land 3376
saline sites 4792
production, biological 605
propagation by cuttings 2250
provenance studies 119
roots, chemistry 6322
shelterbelts 711
silviculture 5214, 5772
soil 3304
tissue culture 474
translocation 3612
variation 464
wildlife 6322
***P.* 'Canadensis B-6'** 3999
P. canescens 1309, 6761, 7132, 7533
P. canescens* × *P. grandidentata 6558, 7533
P. canescens* × *P. tremuloides 6558
***P.* 'Carolin'** 7289
***P.* 'Casale'** 5207
***P.* 'Casale 488'** 7605
P. ciliata 984, 5207

Populus *contd.*
P. deltoides
diseases and disorders 2847
canker, bark diseases 6204
decay 2012
foliage and shoot 1106, 6158, 6204
root 2012
stem rusts 165, 7545
fertilizers 3380, 5505, 5884
genetics/breeding 119, 165, 1990, 5373, 6144, 6158, 6204, 7528, 7532, 7533, 7543, 7545
habit 2847
hybrids 6971, 7543
increment and yield 3380, 5761
injury by, frost 1990
insect pests
Hem. 7528
Isopt. 7605
Lep. 6971
irrigation 5884, 6553
nutrition 5884, 6553
physiology 613
plantations in, USA 5616
planting season 246
provenance studies 119
pruning 5761
seed
germination 195
storage 195
wood
anatomy 2855
variation with growth factors 2855
***P. deltoides* 'I-C'** 5207
P. deltoides occidentalis 2434
P. deltoides* × *P. nigra 2250, 6204, 6558
P. deltoides* × *P. trichocarpa 2029, 6144
***P.* 'Donk'** 2349
***P.* 'Dorskamp'** 839, 2349, 3304
P. euphratica 5207, 6193
P. euramericana (see *Populus* × *canadensis* aggr.)
P. fremontii 7545
***P.* 'Fritzi Pauley'** 2349, 3304, 7530
P. gamblei 4036
***P.* 'Gelrica'** 3482, 4121, 6395
P. grandidentata 345, 2297, 2506, 2613, 6559, 7671, 7672
***P.* 'G3'** 7605
***P.* 'G48'** 7605
***P.* 'H-422'** 1166
P. harbinensis 474
***P.* 'Harvard'** 401
***P.* 'Heidemij'** 93, 6451
***P.* 'I-C'** 7605
***P.* 'I-154'** 3349
***P.* 'I-214'**
diseases and disorders
canker, bark diseases 6204
foliage and shoot 6204
genetics/breeding 1056, 6204
increment and yield 2311, 3999
irrigation 4763
measurement tables 6646
physiology 401
plantations in
Bulgaria 3999
France 2310, 7289
plantations on, sand dunes 4801
production, biological 4763
spacing 2311
wood, variation with growth factors 4121
***P.* 'I-476'** 6654, 6655, 6656, 7052
***P.* 'I-488'** 5505
***P.* 'I-78'** 1717
P.* × *jackii 7533
P. koreana 474
P. laurifolia 5207
***P.* 'Leipzig'** 3349
***P.* 'Lux'** 3314
***P.* 'Marilandica'** 3349, 6204
P. maximowiczii 7541, 7545
P. monilifera (see *Populus deltoides*)
***P.* 'Muhle-Larsen'** 119
***P.* 'NE-388'** 4474
P. nigra
bark, chemistry 1941
diseases and disorders
foliage and shoot 6158
wilts, dieback 6193
foliage, chemistry 1941
general information 6761

Populus nigra *contd.*
genetics/breeding 474, 475, 6158, 7543
hybrids 7543
increment and yield 806, 855
insect pests, Lep. 4588, 6251
interplanting with, agricultural crops 5207
irrigation 6548
nutrition 6548
plantations in, India 5207
pollution control by 1163
propagation by cuttings 3347
shelterbelts 855
stand development 806
tissue culture 474, 475
water relations 855
P. nigra italica 474, 959, 2521, 3403, 6742
***P.* 'O.P. 229'** 719, 6204
***P.* 'Oxford'** 3304, 3432
P. pyramidalis (see *Populus nigra italica*)
***P.* 'Rap'** 2349, 3304
***P.* 'Regenerata'** 3999
***P.* 'Regenere de Suisse'** 3349
***P.* 'Robusta'**
diseases and disorders 3171
canker, bark diseases 6204
foliage and shoot 6204
fertilizers 207
foliage, uses and products 4679
genetics/breeding 119, 1056, 6204
increment and yield 3482
management 7082
plantations in
France 7289
Netherlands 3304
plantations on, marginal, waste, degraded land 93
provenance studies 119
pruning 3171, 4679
roots, chemistry 6322
soil 3304, 3482
thinning 3432
tree surgery 3171
water relations 856
wildlife 6322
wood, variation with growth factors 4121
***P.* 'Rochester'** 3304
***P.* 'Scott Pauley'** 119, 6144
***P.* 'Serotina'** 192, 3349
P. simonii 474, 475, 1438
P. suaveolens 5934
P. tacamahaca (see *Populus balsamifera*)
P. tomentosa 1438
P. tremula
bark
morphology 960
quantitative measures 960
chemical constituents 6749
diseases and disorders
canker, bark diseases 1089
decay 673, 1090, 7574
foliage and shoot 1107
distribution 6803
ecology 1515
foliage
chemistry 4321
uses and products 4321
forest types 6101, 6629
genetics/breeding 375, 6157, 6866
habit 1090
hydrology 4255
increment and yield 740, 816, 4122, 5824, 7345, 7349
injury by
dust 1899
gases and fumes 1899, 6722
insect pests, Lep. 7623
interplanted with, conifers 740
leaf 2897
measurement 1455
morphology 375, 1455
light relations 6057
litter/humus 2391, 3531, 5915
management 5824
measurement, log 268
measurement tables 816, 7345, 7349
measurement, tree and stand 885
mycorrhiza 6875
nurse to, conifers 6055
photosynthesis 6057
plantations in, USSR, Russian region, central 4774

Populus tremula *contd.*
plantations on, watersides 2598
pollen 5787
production, biological 3492, 7326
propagation by cuttings 128, 397, 1717
regeneration, natural 768, 2153, 7213
resin 6749
roots, systems, distribution 4038
rotation 4122
soil 375
successional role 3247
suckering 4038
thinning 816, 2745
tissue culture 7132
variation 128, 375
weed control 7230
weedkillers, effect of 2298
wood
anatomy 4314, 6722
branchwood 4314
decay 673
density 673
P. tremula davidiana 475
P. tremula pendula 1107
P. tremula* × *P. tremuloides 6147
P. tremuloides
browse 7665, 7666, 7668, 7669, 7670, 7672
burning, controlled 7667
chemical constituents 2899, 4319, 6897
control 6619
control, chemical 7227
diseases and disorders 259
canker, bark diseases 1103, 4485, 6199, 6897
complex or unidentified 2916
decay 2019, 2506, 3686
foliage and shoot 1107
virus 3709
foliage, microflora 6873
forest types 5873, 5904
genetics/breeding 6866, 6868, 7543, 7669
hybrids 7543
increment and yield 4191
injury by
dust 4469, 4470
gases and fumes 4470
recreational activities 1182
insect pests
Col. 1103
Hem. 4485
Lep. 2070, 3097
management 258, 259, 260, 261, 262
measurement tables 4191
mycorrhiza 2613
nutrition 345, 4469
photosynthesis 591
plantations in, Canada 5773
plantations on, mining wastelands 2613
production, biological 345, 7667
pruning 6199
regeneration, natural 259, 7671
reproductive behaviour 259
research 262
site quality 7723
soil 5873
effect on 5866
stand density 7670
stand structure 7670
stem, growth and development 591
successional role 259
tissue culture 7132
variation 259
P. trichocarpa 119, 1106, 2250, 2488, 3347, 3445, 4487, 4529, 6144, 7531, 7534, 7543, 7544, 7545, 7665
***P.* 'Tristis No. 1'** 230, 796, 1745, 3302
P. ussuriensis 475
***P.* 'Vernirubens'** 3999
***P.* 'Walker'** 2847
P. yunnanensis 4679, 5207, 7545
***P.* 'Zeeland'** 3482
***Poria* spp.** 2512
P. latemarginata 2012
P. tenuis 2019
P. weirii (see *Inonotus weirii*)
Porlieria angustifolia 4607
Porotermes planiceps 2063
Porthetria dispar (see *Lymantria dispar*)
Portulacaria afra 2323
Potebniamyces coniferarum 2042, 7579
Potos flavus 4611
Poulsenia armata 222, 2894, 2974

Pourouma aspera 4046
Pouteria caimito 4046
Pradosia glycyphloea 253
P. lactescens 253
Presbytis cristata 6735
P. femoralis 6735
P. melalophos 6735
P. thomasi 6735
Prieurella spp. 6077
P. cuneifolia 6077
P. prieurii 6077
P. wurdackii 6077
Prionoplus reticularis 1571
Pristiphora spp. 2572
P. abietina 466, 6856
P. erichsonii 7646
Prophysaon andersoni 2049
Prosopis spp. 2323, 5239, 6597, 6607
P. africana 3454
P. caldenia 4785
P. chilensis 4674
P. cineraria 1970, 2213, 3136, 4674, 7021
P. glandulosa 4189, 4607, 6311, 6630
P. juliflora 227, 1298, 2732, 3778, 4601, 5202, 5211, 5886
P. pallida 3143, 5211
P. ruscifolia 4768
P. spicigera 2610, 4617
P. tamarugo 5211
Protea laurifolia 2469
Protium spp. 6047
P. heptaphyllum 6047
Protura 2817
Prunus spp. 2179, 3022, 3527, 7298
P. amygdaloides 6251
P. armeniaca 711
P. avium 4285, 7129, 7244, 7265, 7279
P. brasiliensis 4079, 5116
P. cerasifera 614
P. divaricata 2687
P. fenzliana 7552
P. laurocerasus 1247, 2269, 5700, 7122
P. maackii 4238
P. mahaleb 7702
P. nairica 7552
P. padus 6629
P. padus pubescens 4238
P. pensylvanica 3531, 4181, 7227
P. sargentii 6453
P. serotina
- calorific value 3488
- control 2312
- control, chemical 2292, 3425
- distribution 3425
- epicormics 3439
- insect pests, Lep. 4548, 6256
- irrigation 6553
- mycorrhiza 2613
- nutrition 6553
- plantations on, mining wastelands 2613
- production, biological 3488
- pruning 3439
- silvicultural characters 7264
- species trials 2970
- weed control 6720
- weedkillers, effect of 4272, 4273

P. serrulata 6453
P. spinosa 1167, 4137, 4522, 5723, 7085
Psephurus gladius 3132
Pseudacanthotermes militaris 2064
P. spiniger 2064
Pseudaulacaspis pentagona 2556
Pseudobersama mossambicensis 7495
Pseudolarix spp. 1101
Pseudolmedia oxyphyllaria 222, 2894, 2974
Pseudomonas spp. 4516, 6206
P. pentandrae 6207
P. syringae 2491
Pseudopantomorus latifrons 46
Pseudopityophthorus spp. 2041, 7580
Pseudosamanea gauchapele 6069
Pseudotrametes gibbosa 1078
Pseudotsuga flahaulti (see *Pseudotsuga menziesii glauca*)
P. glauca (see *Pseudotsuga menziesii glauca*)
P. macrocarpa 946
P. menziesii 7525
- branches 1722
- browse 6325, 7665
- buds 956
- Christmas trees 1343, 2297, 2520, 3455, 3738

Pseudotsuga menziesii contd.
- cone
  - morphology 6066
  - pests and diseases 1265, 2949
  - production 2923
- conferences, symposia 2874
- control, chemical 1764
- decorative greenery 1343
- diseases and disorders 7576
  - canker, bark diseases 2042
  - decay 498, 1092, 1094, 1625, 6888, 7572
  - foliage and shoot 2520, 6907
  - root 498, 1092, 1094, 1625, 6888, 7572
  - seedling 3682, 4498
  - wilts, dieback 1097, 6190, 7579
- distribution 7523
- economics 6671
- electrical phenomena 4326
- fertilizers 1067, 1722, 2258, 3192, 3383, 3391, 3455, 4111, 4852, 4855, 5883, 5895, 6354, 6549, 6550, 6556, 7189, 7420
- fire, reaction to 6119, 6756
- flowering 1029, 1035, 2924
- foliage 1900
  - area 328
  - chemistry 1057, 3383, 6325
- forest types 2340, 4389, 5873, 5888, 6119, 6521
- genetics/breeding 1049, 1055, 1057, 1067, 1293, 2923, 3012, 3659, 4111, 4431, 5373, 5378, 6134, 7183, 7523
- grazing and pasture 6308
- habit 7183
- hybrids 6142
- hydrology 5954, 6380
- increment and yield 297, 629, 961, 1293, 1361, 1704, 1722, 1805, 1825, 2302, 2308, 2743, 2824, 2876, 3323, 4773, 6647, 7221, 7513
- injury by
  - fire 365
  - frost 1340, 1724, 4111
  - gases and fumes 1900, 3579, 7421
  - mistletoe 3070
  - precipitation 3579
- insect pests 1265
  - Col. 1124, 3738, 6260, 6271, 6990, 7638
  - Hem. 549, 6943, 6944
  - Lep. 1557, 1578, 3114, 6254
- irrigation 6548, 6550, 6558
- light relations 328, 609, 3398
- litter/humus 2394, 2395, 3485, 4248, 5913, 6709, 6888
- management 301, 7354, 7734
- measurement tables 6647
- measurement, tree and stand 805, 1805
- mycorrhiza 3021, 3672, 3679, 6173, 7420
- nursery management 608, 1279, 1724, 2874, 3021, 3391, 3679, 4047, 4855, 5716, 5730, 5894, 7123, 7128
- nutrition 3188, 4111, 5883, 5890, 6548, 7420
- oils 6325
- phenology 956
- photosynthesis 394
- physiology 609, 2910
- plantations in
  - Argentina 4773
  - Chile 5145
  - France 4262, 5691
  - Germany, West 301
  - USSR, Baltic states 5378
  - USSR, Ukraine, Crimea and Moldavia 805
- plantations on, heathland 3441
- planting 1293
- planting methods 2879, 7218
- planting stock 1279, 1293, 2717, 2824, 2875, 2876, 2877, 2878, 2879, 2881, 4112, 4113, 6577
- production, biological 606, 1372, 1806, 2350
- propagation by cuttings 2251, 6541, 7121, 7183
- propagation by grafting 1029
- propagation, vegetative 202, 5631, 5650, 7187
- protection and preservation 1611

Pseudotsuga menziesii contd.
- provenance studies 176, 178, 956, 1704, 3012, 3331, 4004, 4110, 4111, 6907, 7512, 7513
- pruning 3455, 6614, 6615, 7233
- radiation, effect of 606
- regeneration, artificial 7211
- regeneration, natural 7211
- roots
  - growth 1477, 2874, 2876, 2877, 2878, 2879, 2881
  - systems, distribution 1625, 2875, 2877, 2878
- rotation 6671
- seed
  - chemistry 193
  - collection 1706
  - germination 1263
  - grading, quality 2943
  - pests and diseases 1263, 1265
  - physiology 2962
  - testing 1263
  - treatment 2943
  - weight 6066
- seed orchards 1035, 1265
- seedlings 3398, 3558, 4326, 7123
- silviculture 1428, 4110, 6521
- site quality 2340, 5891
- site requirements 5374
- soil 3554, 5873, 5890, 5894, 6549, 6556
  - effect on 335, 4262
- sowing, direct 2877, 7218
- spacing 629, 3484
- stand density 3433, 3485
- taxonomy 7523
- thermal relations 3398, 3558, 4326
- thinning 1764, 2302, 3192, 3433, 3436, 6612, 7233
- tissue culture 2694, 4037, 5650, 7184, 7187
- transpiration 5954
- underplanting in, broadleaved species 7189
- variation 961, 1293, 2923, 6134, 7512, 7523
- water relations 2824, 3398, 3558, 4326, 5954, 6380, 7123
- weed control 1340, 2297, 2743, 3423, 5710, 5716, 5719, 5720, 5721, 5722, 5723, 5730
- weedkillers, effect of 1302, 5721
- wood
  - decay 2394, 2395
  - density 7513
  - grain and figure 961
  - quality 1428
  - shrinkage and swelling 2854
  - variation with growth factors 1428

P. menziesii glauca 1882, 1981, 6854, 7512, 7526
Pseudoxythece spp. 6789
P. ambelaniifolia 6788
Psidium guajava 588
Psychotria chiapensis 222, 2974
Ptaeroxylon obliquum 1360
Pteleobius spp. 4564
Pterocarpus spp. 5448
P. angolensis 1016, 2238
P. belizensis 222, 2974
P. indicus 1434, 4031, 4071, 5658, 6599
P. soyauxii 1450
Pterocarya fraxinifolia 1247, 1957
P. pterocarpa 405
Pterocomma jacksoni 7009
Pterocymbium tinctorium 4511
Pterospermum spp. 1445
P. acerifolium 6816
Pterygota spp. 7494
P. alata 4170
Pulicalvaria thujaella 7617
Punica granatum 1247
Purshia spp. 488
Pyemotes scolyti 6258
Pyrausta machaeralis 5322
Pyricularia oryzae 6909
Pyrofomes demidoffii 2502
Pyrus spp. 2179, 7298
P. communis 4136
P. elaeagrifolia 4136
Pythium spp. 493, 495, 501, 519, 1095, 4497, 7566
P. irregulare 1540
P. sylvaticum 6179

***Pythium** contd.*
P. ultimum 1540, 2274, 3712, 3713
Quadraspidiotus perniciosus 2556
***Quercus* spp.**
bark, uses 782
barking 782
coppice 728
diseases and disorders 773
canker, bark diseases 351
complex or unidentified 4477, 7489
decay 351, 4477, 6886
root 351, 4477, 6886
seedling 6886
wilts, dieback 1099, 1544, 2041, 3068, 3699, 6195
economics 73, 1409
fertilizers 597, 6560
forest types 576, 1614, 2989, 2990, 2994, 6106, 6826
fruit 2323
honey/nectar 6633
hydrology 3516, 4635
injury by
drought 7489
frost 7489
gases and fumes 351
insect pests 773, 2964, 7489
Lep. 318, 1137, 3080, 3082, 3113, 3121, 3733, 4477, 6255
irrigation 6560, 6561, 6562, 6563
litter/humus 5916, 6560
management 6672
measurement, tree and stand 4158, 4172
microclimate 666
mycorrhiza 597
nursery management 597
nurses for 576
nutrition 666, 4268
plantations in
France 4262
New Zealand 1963
pollen 6811
production, biological 666
remote sensing 318
research 666
roots
growth 2179
systems, distribution 2179
seed production 2964
soil 666, 4249
effect on 3532, 4262
stem, stresses in 2838
water relations 666
weed control 5719
wildlife 6563
wood, anatomy 3600, 6036
***Q.* (*Erythrobalanus*)** 6074, 6075
Q. acuta 430
Q. acutissima 3614
Q. agrifolia 3574, 7274
Q. alba
dendrochronology 2645
diseases and disorders
decay 496
root 496
ecology 6981
fertilizers 6568
foliage
area 1355
weight 1355
forest types 6113, 6115, 6117, 6118, 6826
improvement fellings 5756
increment and yield 2016, 5756
injury by, gases and fumes 3582, 5973
insect pests, Lep. 6240, 7616
leaf, anatomy 1442
light relations 3614
measurement, tree and stand 1355, 6117
microclimate 5926
ornamental value 2641
photosynthesis 1485
plantations on, mining wastelands 6568
roots, growth 3614
soil 5926
flora 2825
thermal relations 2016, 3614
underwood 1005
water relations 2016
Q. alnifolia 4421
Q. araxina 5469
Q. austrina 1442
Q. bicolor 1442
Q. borealis (see *Quercus rubra*)
***Quercus** contd.*
Q. calliprinos 6099
Q. castaneifolia 738, 739, 1514, 5469
Q. cerris
coppice 4118
diseases and disorders, complex or unidentified 4118
forest types 2476, 4393, 4394, 6100
insect pests 3073
Hym. 7647
leaf, physiology 979
management 4118
physiology 3073
seed, treatment 5368
shelterbelts 7702
silviculture 4118
sowing, direct 5368
spacing 7702
Q. chapmanii 1442
Q. chrysolepis 6154, 7030, 7274
Q. chrysolepis nana 6154
Q. coccifera 922, 6251
Q. conferta (see *Quercus frainetto*)
Q. dalechampii 2826
Q. dilatata 2317, 3731
Q. douglasii 7274
Q. dumosa 4604
Q. dunii 6154
Q. durandii 1442
Q. ellipsoidalis 496, 7580
Q. emoryi 5873
Q. engelmannii 7274
Q. faginea 2126
Q. falcata 228
Q. falcata pagodaefolia 1374, 2012
Q. frainetto 2779, 3073, 3478, 4118, 4393, 6100, 6436
Q. gambelii 365
Q. garryana 7274
Q. geminata 1442
Q. glauca 2316, 2317, 7562
Q. hartwissiana 1072, 5469
Q. iberica 5469, 6029
Q. ilex
antibiotics 976
browse 2126
fertilizers 4043
fire, danger 2424
forest types 424, 2476, 2801, 3654, 4376, 6099, 6434
insect pests
Col. 7639
Lep. 1573
nursery management 2883
oils 2316, 2317
roots
growth 2883
systems, distribution 2883
seed
chemistry 2316, 2317
treatment 5368
sowing, direct 5368
Q. ilicifolia 2992
Q. imeretina 6029
Q. incana 1349, 2316, 2317
Q. kelloggii 7274
Q. laurifolia 228
Q. lobata 7274
Q. longipes 6029
Q. lyrata 1442, 6118
Q. macedonica 4345
Q. macranthera 1072, 1514, 5469, 6029
Q. macrocarpa 1442, 2434, 2450
Q. macrolepis 6100
Q. margaretta 1442
Q. marilandica 2992, 4094, 6826
Q. michauxii 6118
Q. minima 1442
Q. mongolica 3468, 4378
Q. mongolica grosseserrata 3678
Q. montana 1442
Q. muehlenbergii 4471, 6118
Q. nigra 228, 1374, 3488, 4266, 6112, 6826
Q. nuttallii 1374
Q. oglethorpensis 1442
Q. pagodaefolia 6118
Q. palustris 699, 880, 2003, 4039, 6114, 7135
Q. petraea
diseases and disorders
decay 6888
root 6888
distribution 1511, 1958
***Quercus petraea** contd.*
ecology 5469
fertilizers 5657, 7257, 7272, 7281
flowering 7243
forest types 1511, 2340, 2476, 2479, 3127, 4394, 6102, 6103, 6106, 6521, 6702
fruiting 7243
genetics/breeding 3017, 7279, 7549
habit 5770
histology 7243
increment and yield 2784, 3478, 4190, 5657, 5820, 6665
injury by, recreational activities 6436
insect pests
Hem. 7009
Hym. 7647
Lep. 6242
litter/humus 6888
measurement tables 2784, 3478, 6665
microclimate 7251
mixtures 2784
mycorrhiza 2497
nursery management 721, 2267, 7282
nutrition 2826
plantations in
Austria 245, 7262
Switzerland 5770
USSR, Ukraine, Crimea and Moldavia 3306
planting 721
planting methods 7281
production, biological 6102
propagation by cuttings 7283
provenance studies 3017, 4004
regeneration, natural 7251, 7263, 7273
reproductive behaviour 7243
seed
chemistry 1072
germination 7253
pests and diseases 2500
seedlings 7253, 7256
silviculture 4116, 6521, 7273
site quality 2340, 2779
soil 6102, 6702
effect on 3539
successional role 3638
thinning 7272
variation 1072, 7549
water relations 5685, 5933, 7253, 7256
wildlife 3127
Q. phellos 5616
Q. polycarpa 2826
Q. prinoides 1442
Q. prinoides acuminata 1442
Q. prinus 811, 1442, 2645, 4048, 5910, 6113, 6826, 6955, 7135
Q. pseudocerris 6100
Q. pubescens
distribution 1509, 1511, 3639
ecology 1509, 5469
fertilizers 4043
flowering 2930
forest types 424, 1511, 2476, 3639, 6100, 6102
genetics/breeding 6160
increment and yield 6160
production, biological 6102
reproductive behaviour 2930
successional role 3638
Q. pungens vaseyana 4189
Q. pyrenaica 7647
Q. robur
chemical constituents 1893, 2646
cleaning 4128
control, chemical 5723
coppice 3259
dendrochronology 2646, 4716, 6034
diseases and disorders 2027
canker, bark diseases 2713
complex or unidentified 982, 7488, 7489
decay 2079, 2511, 6163
foliage and shoot 1898, 2713
root 2511, 6163
wilts, dieback 7488
distribution 1511, 1958, 4379
ecology 1510, 1515, 4370
economics 1877
fertilizers 1718, 1719, 3368, 3376
flowering 2930, 7243
foliage, uses and products 3462

Quercus robur *contd.*
forest types 1511, 2479, 3247, 4390, 4391, 6102, 6103, 6122, 7215
fruiting 7243
fungi associated with 481
genetics/breeding 1076, 1976, 3017, 3665, 4082, 4379, 4462, 4463, 6865, 7279
habit 5770
histology 7243
historical records 2204
hydrology 6380, 7687
increment and yield 271, 289, 816, 855, 1377, 1719, 2355, 3368, 4108, 4192, 5824, 5986, 6665, 7215, 7339, 7344, 7346, 7466, 7701
injury by
drought 6163, 7488, 7489
dust 1893
frost 7488, 7489
gases and fumes 1893, 1898, 6722
wind 2511
insect pests 5986, 6163, 7488, 7489
Col. 2079, 6275
Hym. 1567, 7647
Lep. 973, 2092, 2526, 6291, 6292, 7014, 7015, 7248, 7466
irrigation 3368, 4187
litter/humus 563, 1885, 3536, 5915
management 5824
measurement tables 271, 798, 816, 1377, 2355, 4192, 6665, 7346
measurement, tree and stand 271, 737, 5794, 6659, 7318
mixtures 4108
mycorrhiza 2027
nursery management 2266, 2712, 3368, 7282
nutrition 1893, 5963
phenology 7466
photosynthesis 3615, 4337
physiology 973
plantations in
Austria 245, 7262
Netherlands 4003
Switzerland 5770
USSR, Russian region, central 737, 4082, 7238
USSR, Russian region, south-eastern 751
USSR, Ukraine, Crimea and Moldavia 7287
plantations on
clay sites 2173
flood plains 1145
marginal, waste, degraded land 7129
mining wastelands 4658
pollen 5787
production, biological 6102, 6659
propagation by cuttings 7129, 7283
provenance studies 3017, 4004
regeneration, natural 4069, 4337, 7215, 7248, 7266
reproductive behaviour 2930, 7243
roots, systems, distribution 5794
seed
chemistry 1072
germination 6538, 7244
pests and diseases 2500, 7246
physiology 6538, 7244
storage 7246
treatment 7180
seed orchards 7179
seedlings 3615, 6463, 7256
shelterbelts 122, 855, 2611, 3424, 7701, 7702, 7705, 7706
shoot, growth and development 4187
silvicultural characters 1930
silvicultural systems 3259
silviculture 4063, 4116, 7238
site quality 4370
soil
fauna 850
flora 7405
spacing 737, 3536, 7702
successional role 3638, 7708
thinning 751, 816, 2355
underwood 3536
variation 1072, 4463, 6865
water relations 855, 3615, 5929, 6380, 6711, 7256
weed control 1755, 3424, 5712, 7266
wildlife 6313, 7085

Quercus robur *contd.*
wood
anatomy 5986, 6034, 6042, 6722
variation with growth factors 737, 884, 4716
Q. robur praecox 959
Q. robur tardiflora 6248
Q. rotundifolia 2828
Q. rubra
chemical constituents 1893, 2646
control, chemical 4093
defoliation, artificial 974
dendrochronology 2646
diseases and disorders 1997
decay 496, 6888
root 496, 6888
ecology 6981
electrical phenomena 977
fertilizers 3375, 3382, 4045, 6397, 7135
forest types 6116, 6118, 6521
genetics/breeding 5373, 7279
increment and yield 2773, 3375, 4117, 7336
injury by
artificial wounding 3038
dust 1893
gases and fumes 1893, 4045, 6742
girdling 3038
insect pests
Hem. 6233
Hym. 6233
Lep. 6240, 7616
irrigation 6553, 6558
litter/humus 5910, 6888
measurement tables 2773, 7312
mycorrhiza 7135
nursery management 7135
nutrition 1893, 6553, 6715
plantations in, Belgium 4117, 7268
plantations on
mining wastelands 6397
watersides 2598
production, biological 3491
propagation, vegetative 699
provenance studies 4004
roots
chemistry 974
growth 974
rootstock for grafts 4039
seed
chemistry 1072
germination 7244
physiology 7244
seed orchards 699
shelterbelts 7702
silvicultural characters 7264
silviculture 4117, 6521
site quality 4117
spacing 7702
species trials 2970
stand development 7336
successional role 1974, 7708
thinning 3375
variation 1072
water relations 974, 7408
wood, density 4284
Q. salicina 430
Q. serrata 430, 1349, 3527, 3678, 7562
Q. shumardii 6118
Q. stellata 1442, 4471
Q. suber
bark, uses 1790
insect pests, Lep. 1573, 6250, 6251
silviculture 4119
Q. tomentella 6154
Q. toza (see *Quercus pyrenaica*)
Q. trojana 4345
Q. vaccinifolia 6154
Q. variabilis 1438
Q. velutina
fertilizers 3375
foliage
area 1355
weight 1355
forest types 6117
increment and yield 3375
injury by, gases and fumes 5973
insect pests, Lep. 4544
measurement, tree and stand 1355, 6117
microclimate 5926
soil 5926
thermal relations 601
thinning 3375

Quercus *contd.*
Q. virginiana 607, 1442, 4471
Q. virginiana fusiformis 4189
Q. wislizenii 7030, 7274
Quillaja saponaria 5614, 5697
Quintinia **spp.** 4375
Rana arvalis 7116
R. latastei 7116
Randia spinosa 5789
Rangifer tarandus 3791, 3838, 6337
R. tarandus pearyi 3793
Raphidia ophiopsis 3096
Raphiolepis indica 1189
Raptiformica sanguinea 4591
Raritebe **spp.** 4358
Rattus argentiventer 6532
R. fuscipes 2127
R. norvegicus 2955
R. rattus minandensis 6532
Rauvolfia serpentina 5788
Reithrodontomys fulvescens 199
R. humulis 199
Resseliella odai 7651
Reticulitermes flavipes 6938
R. lucifugus 3727
R. lucifugus santonensis 7600
Rhabdocline pseudotsugae 2520, 6907
Rhabdophaga rosaria 7652
Rhagium inquisitor 6259, 6929
Rhamnus alaternus 4043
R. alpina 424
Rhaphiolepis umbellata 2518
Rhapis excelsa 4549
R. humilis 4549
Rheedia edulis 2974
Rhinoceros unicornis 7025
Rhinotermitidae 7604
Rhizoctonia **spp.** 2512
R. solani 2274, 3712, 6885, 6886, 7245, 7247
Rhizophora **spp.** 2725, 6931
R. apiculata 2981
R. mangle 3454, 3704, 5991, 6822
R. mucronata 1456, 2981, 4325, 7498
R. racemosa 3454
R. stylosa 7506
Rhizophoraceae 2599
Rhizopogon **spp.** 6171
R. luteolus 1082, 2494, 6878
R. roseolus 3677, 6878
R. vinicolor 1082
Rhizosphaera kalkhoffii 402, 980
R. macrospora 514
R. oudemansii 514
Rhododendron **spp.** 7122
R. aureum 6864
R. luteum 4150
R. ponticum 2976, 5707
Rhodognaphalon mossambicense 7493
R. schumannianum 7493
R. stolzii 7493
Rhopalopilia umbellulata 7497
Rhus anchietae 2466
R. coriaria 7172
R. glabra 2613
R. microphylla 4189
R. montana gerrardii 2467
R. typhina 3579
Rhyacionia **spp.** 6967
R. buoliana 6213
attractants 4547
damage by 6110, 7625
host relations 3076
resistance to 6247, 7625
R. duplana 6950
R. frustrana 2561, 2951, 3729, 4547, 5663
R. rigidana 4547
R. subtropica 4547, 6239
R. turionana 7625
Ribes bracteosum 2594
R. cereum 5738
R. grossularia 7706
R. hudsonianum petiolare 3033
R. nigrum 5934, 6629
Ricinodendron rautanenii 1016, 5231
Rigidoporus ulmarius 2509
Robinia **spp.** 6036
R. pseudoacacia
buds 4317
control, chemical 2297
diseases and disorders
virus 4518, 4519
wilts, dieback 6195

Robinia pseudoacacia *contd.*
fertilizers 6567
flowering 959
genetics/breeding 5226
honey/nectar 5226
increment and yield 456, 806, 2774, 7172
measurement, tree and stand 280
mycorrhiza 2613
plantations in
Bulgaria 4118
USSR 7206
USSR, Transcaucasia 739
plantations on
erodible sites 2144, 7172
marginal, waste, degraded land 2157, 3822
mining wastelands 456, 2613, 5881, 6567, 7710
propagation by cuttings 5226
provenance studies 456
roots
growth 2179
systems, distribution 2179
seedlings 7206
shelterbelts 2774, 7057, 7702
silvicultural characters 1438, 7264
silviculture 1438
spacing 7702
stand development 806
successional role 1007, 7708
variation 464
Robinsonella mirandae 2974
Rosa **spp.** 7298
R. acicularis 6629
R. bracteata 6311
R. canina 1167, 2929, 6627
R. gallica 2929
R. majalis 5934, 6629
R. nisami 6627
R. pulveruenta 6627
R. rubiginosa 5723
R. rugosa 2411
R. sosnovskyana 6627
Rosaceae 6906, 7590
Rosellinia **spp.** 45
Roseodendron donnell-smithii 3600
Rosmarinus officinalis 1189
Rotylenchus **spp.** 547
R. robustus 547
Royena lucida 367
Roystonea regia 4549
Rubus **spp.** 234, 990, 4390
R. brasiliensis 253
R. ellipticus**7565**
R. hawaiiensis 3036
R. idaeus 2318
R. spectabilis 2594
Rupicapra rupicapra 7026
Russulales 7553
Rutilus rutilus 2141, 6738
Sabicea **spp.** 4358
Saccharomyces cerevisiae 6048
Sacchiphantes (see *Adelges*)
Salacca edulis 985
Salacia megistophylla 2974
Salamandra salamandra 7116
Salix **spp.**
book 1496
browse 4623
coppice 4123
diseases and disorders 480
foliage and shoot 4893, 7592
fuel plantations 2234, 2235, 2236
genetics/breeding 6148, 7540
honey/nectar 4152
insect pests
Col. 6273
Hym. 2089
Lep. 3731, 7016
management 7082
nursery management 2737
plantations in, New Zealand 6364
plantations on
erodible sites 6364, 6367, 7698
marginal, waste, degraded land 129, 7130
pollen 4152
propagation by cuttings 5641
regeneration, natural 2153
roots
growth 2179
systems, distribution 2179
seed production 2961
Salix **spp.** *contd.*
shelterbelts 7130, 7131
silviculture 2326, 2328
taxonomy 6791
weed control 2737, 4623, 5702
wood, properties and uses 2327, 4123
S. acutifolia 6791
S. alba
forest types 6713
increment and yield 806, 855
injury by, nematodes 2567
insect pests
Dipt. 7652
Hem. 6234
plantations on, flood plains 1145
shelterbelts 855
stand development 806
taxonomy 6791
variation 464
water relations 855
S. alba caerulea 3069 (cf. *Salix alba calva*)
S. alba calva 1108, 1109, 1110
S. alba **'Valenza'** 4123
S. alba vitellina-pendula 7652
S. alba × ***S. babylonica*** 4801
S. alba × ***S. matsudana*** 1073
S. amygdaloides 2434
S. × ***argentinensis*** 6604
S. atrocinerea 7085, 7129
S. aurita 6791
S. capensis 2467
S. caprea 3823, 4327, 6585, 6791, 7009, 7085, 7129
S. cinerea 2929, 3823, 6791
S. daphnoides 6091
S. dasyclados 4123, 6791
S. fragilis 2856, 2929, 4331, 6791
S. fragilis bullata 124
S. hirsuta 2467
S. humboldtiana 464
S. lapponum 6791
S. **'Liempde'** 93
S. matsudana 1073
S. mucronata 2467
S. myrsinifolia 6791
S. myrtilloides 6791
S. pentandra 2929, 6791
S. repens arenaria 4659
S. rosmarinifolia 6791
S. scouleriana 1586
S. sitchensis 6354
S. starkeana 6791
S. subserrata 2467
S. triandra 1145, 4123, 6791
S. viminalis 6791
S. vinogradovii 6791
S. vitellina 5505
S. warburgii 1478
S. woodii 2467
Salmo **spp.** 3798
S. clarki 6671
S. gairdneri 2130, 2141, 2384, 3804, 7039
S. irideus 6095
S. salar 1590, 2130, 2132, 2136, 2137, 2140, 2384, 3801, 6095, 6359
S. trutta 2130, 2384, 3805, 6095, 6359
Salmonidae 6358
Salsola **spp.** 5239
Salvadora oleoides 1970, 3136
S. persica 1970
Salvelinus **spp.** 7040
S. alpinus 2132, 2136, 6095
S. fontinalis 2130, 2136, 2384, 4629
Samanea saman 6069, 6599
Sambucus canadensis 1271
S. nigra 2411, 2930, 6722, 7129
S. racemosa 2930
Santalum album 3062, 4517, 4521, 6151, 6774, 6913, 6914, 7482
Saperda **spp.** 4530
S. inornata 1103, 4485
S. scalaris 7636
Sapium discolor 1478
Sarothamnus scoparius 5723
Sasa **spp.** 1940
S. kurilensis 6819
S. nipponica 1010, 4176
Sassafras albidum 2613, 5910, 6118
Saxegothaea conspicua 1938
Scambus aplopappi 3729
Schaefferia cuneifolia 4607
Schima superba 1478
Schinus molle 5614
Schinus *contd.*
S. terebinthifolius 3056
Schizophyllum commune 6872
Schizostachyum lumampao 6028
Schizura concinna 6965
Schlettererius cinctipes 7007
Scirrhia acicola 3061, 7555
S. pini 64, 69, 2055, 3684, 3715
Sciuridae 1139, 2583
Sciurus carolinensis 1584, 6347
S. niger 6353
S. vulgaris 2593
Sclerocarya **spp.** 2438
S. caffra 4305, 5231
Scleroderma citrina 484
Scleroderris **spp.** 2524
S. lagerbergii (see *Gremmeniella abietina*)
Sclerolobium **spp.** 6047
Sclerophoma pithyophila 6190
S. semenospora 6190
S. xenomeria 6190
Scolytidae 525, 539, 1119, 1120, 2543, 2548, 3739, 6978, 6990, 7603, 7632
Scolytoidea 6972
Scolytus **spp.** 4564
S. intricatus 2041
S. japonicus 6988
S. kirschi 6988
S. moravitzi 6988
S. multistriatus 2075, 2562, 4553, 4555, 4556, 4557, 4558, 4559, 4560, 4569, 6272, 6286, 6998
S. pygmaeus 2562, 6258
S. rugulosus 6988
S. scolytus 2078, 2080, 2081, 2086, 2562, 4553, 4560, 6191, 6286
S. zaitzevi 6988
Scytalidium album 1078
S. lignicola 3044
Seiridium cardinale 2516
Semanotus semenovi 3725
Semasia diniana (see *Zeiraphera diniana*)
Semiothisa liturata 6966
Semudobia **spp.** 7011
Senecio reinoldii 6108
Sennius **spp.** 7629
Septoria musiva 4487
Septotina podophyllina 4488
Sequoia gigantea (see *Sequoiadendron giganteum*)
S. sempervirens
burning, controlled 940
forest types 5888
measurement, tree and stand 1369, 3490
plantations in, USSR, Caucasian region 1369
production, biological 3490
propagation by cuttings 5648
propagation, vegetative 5644
stand structure 3490
tissue culture 5644, 5648, 6051
Sequoiadendron giganteum 2842, 3305, 3306, 3307, 4260, 4303, 5631, 5992, 5997, 7315, 7329
Sessiidae 6946
Shiia (see *Castanopsis*)
Shorea **spp.** 19, 1493, 6844, 7449, 7454, 7456
S. contorta 4029
S. guiso 6591
S. gysbertsiana 5229
S. isoptera 5229
S. lepidota 5229
S. leprosula 19
S. martiniana 5229
S. polyandra 5395
S. polysperma 6534
S. robusta
browse 7037
insect pests, Col. 6985
measurement tables 6648
nutrition 5962
production, biological 5962
remote sensing 6648
S. seminis 5229, 6591
S. squamata 3387
S. stenoptera 5229
Shoreoxylon **spp.** 7462
Simaruba amara 6047
Simmondsia chinensis 1345, 1346, 2437
Sindora supa 7198
Sirex juvencus 6225
S. noctilio 1571, 3724

***Smilax* spp.** 1757
Solanum inopium 5610
S. mauritianum 746, 1308
Sonneratia alba 2981
***Sophora* spp.** 2974, 6036
S. chrysophylla 6922
***Sorbus* spp.** 2179, 7298
S. aucuparia 1619, 2598, 4327, 5934, 6050, 6091, 6585, 7009, 7129, 7706
S. intermedia 2598
S. torminalis 1134
Sorex araneus 7001
S. cinereus 6001
Sparassis crispa 3043, 3044, 7572
***Sparattanthelium* spp.** 6068
Spermophilus tridecemlineatus 6001
Sphaeropsis tumefaciens 3056
Sphenoptera mesopotamica 4565
***Spilochalcis* spp.** 2561
Spiraea tomentosa 2297
Spodoptera sunia 6968
***Spondias* spp.** 5448
***Sporothrix* spp.** 3052
Stachycarpus spicata 374
***Stachys* spp.** 5808
Staphylea pinnata 3643
Stemmadenia donnell-smithii 2974
***Stemonoporus* spp.** 7456
S. lewisianus 7454
Stepharopachys linearis 6225
***Sterculia* spp.** 6047, 7494
Stereum hirsutum 1078, 7405
S. sanguinolentum 2037, 3698
Sthenopis quadriguttatus 6971
Stilpnotia salicis (see *Leucoma salicis*)
Stizostedion canadense 3799
S. lucioperca 2141
S. vitreum 3799
Stranvaesia davidiana 2518
***Streptomyces* spp.** 7402
Stromatoscypha fimbriata 6165
Strombosia scheffleri 7496
Strophosomus capitatus 6992
Strychnos cocculoides 5231
S. potatorum 7478
Styrax americana 6112
S. japonica 1368
S. tonkinensis 146
***Suillus* spp.** 6171, 7307
S. bovinus 7563
S. granulatus 6878
S. luteus 1082, 2766, 3677, 6876
Sus scrofa 7088, 7673
***Swietenia* spp.** 5448
S. aubrevilleana 6528
S. humilis 6528
S. humilis* × *S. macrophylla 6528
S. humilis* × *S. mahagoni 6528
S. macrophylla 529, 588, 1478, 2084, 2154, 3600, 4019, 5322, 5372, 6528, 7602
S. macrophylla* × *S. mahagoni 6528
S. mahagoni 3347, 5372, 6528, 6657
Sylvilagus floridanus 6563
Symphalangus syndactylus 6735
Symphonia globulifera macrocarpa 3598
Symphoricarpos orbiculatus 2737
Symydobius oblongus 7009
***Syringa* spp.** 7621
S. josikaea 4238
S. vulgaris 1941
Syzygium cordatum 2466
S. cuminii 6816
S. guineense macrocarpum 1014
S. jambos 5812
S. maire 1501
S. paniculatum 1189
***Tabebuia* spp.** 4361
T. rosea 2090
T. serratifolia 1712
T. vellosoi 1751
Taiwania cryptomerioides 5359
Talguenea quinquenervia 5808
Tamarindus indica 3347, 5231
***Tamarix* spp.** 1497, 4565
T. aphylla 1970, 4601, 5886, 6527
T. dioica 1970, 4617
T. ericoides 6634
T. gallica 2609, 4601
T. hispida 1820
T. pentandra 2296
T. troupii 1970
Tarrietia (see *Heritiera*)
Tauratragus oryx 1580, 3128
Taxaceae 3624
Taxodium distichum 241, 595, 4374, 5540, 6118, 6554, 6568
***Taxus* spp.** 6541
T. baccata 610, 850, 1247, 1514, 4680, 5469, 7107
T. canadensis 610
T. cuspidata 595, 610
T. media 610, 7019
Tecoma fabrisii 2436
T. garrocha 2436
T. stans 2436
T. tenuiflora 2436
Tecomella undulata 1970, 3136
Tectocephalus velatus 341
Tectona grandis
- diseases and disorders, foliage and shoot 6921
- economics 1878
- fertilizers 4335
- fruit 696
- genetics/breeding 6831, 6838, 6844, 6935
- growth regulators, effect of 4335
- increment and yield 3905
- injury by, mistletoe 3717
- insect pests 5322
  - Isopt. 6935
  - Lep. 3732
- interplanting with, agricultural crops 2162, 5203
- nursery management 4335
- plantations in
  - Indonesia 2222
  - Sri Lanka 5537
  - Thailand 5203
- plantations on, mining wastelands 2154
- planting methods 4071
- propagation by cuttings 4815, 5642
- provenance studies 145, 4000
- regeneration, artificial 2162
- reproductive behaviour 2958
- seed 2958
- seed production 5372
- soil 7406
- underplanted with, broadleaved species 2333
- weed control 4092

***Telenomus* spp.** 1574
Tenthredinidae 6282, 7642
Tenthredinoidea 2089
Terebraria resinosa 4179
***Teretrius* spp.** 3725
***Terminalia* spp.** 145, 2863, 6597
T. amazonia 3600
T. belerica 6634
T. ivorensis 150, 1019, 1055, 3347
T. sericea 4142
T. superba 130, 151, 3347, 4142
Termitidae 7604
***Termitomyces* spp.** 3723
Tetraclinis articulata 7107
Tetragonia decumbens 3142
Tetralopha robustella 6952
Tetrameles nudiflora 4169, 7476
Tetrao urogallus 1144, 6333
Tetrapterys acapulcensis 2974
***Tetropium* spp.** 1121
T. castaneum 7636
Tetyra bipunctata 2948, 2950
Thanasimus dubius 2551, 2552
Thaumetopoea pityocampa 1137, 2099, 6213, 6296, 6953, 7622
T. processionea 7657
Thecodiplosis japonensis 1025, 7651
Thelaxes dryophila 7009
Thelephora terrestris 6171
***Thelohania* spp.** 7618
Thielaviopsis basicola 2007
Thomomys mazama 243
***Thuja* spp.** 6541
T. occidentalis 125, 2054, 3093, 6558, 6742, 7617
T. orientalis 213, 1438
T. plicata
- control, chemical 1764
- forest types 2594, 4400, 5888
- increment and yield 1825
- insect pests, Col. 6270
- litter/humus 2594
- oils 6270
- production, biological 1806, 4400
- propagation by cuttings 4036
- propagation, vegetative 5631

***Thuja plicata* contd.**
- provenance studies 4004
- shelterbelts 7706
- thinning 1764

Tibouchina mutabilis 4361
Tieghemella heckelii 130, 1449, 3602
***Tilia* spp.** 251, 2179, 3632, 4378, 4705, 6036, 6633, 6713, 6940, 7085, 7596, 7607
T. americana 2899, 3555, 4319, 6118, 7136, 7264
T. amurensis 3515, 6711
T. argentea (see *Tilia tomentosa*)
T. cordata
- bark, chemistry 4277
- fertilizers 1718
- flowering 959, 7468
- foliage, chemistry 6723
- forest types 4391, 4392, 6830
- genetics/breeding 1976
- increment and yield 1805
- injury by
  - dust 4277
  - gases and fumes 4277, 6723, 6742
- light relations 4327
- litter/humus 3536
- measurement, tree and stand 1805
- phenology 7468
- planting stock 3403
- pollution control by 1163
- propagation by cuttings 6542
- shelterbelts 7703
- silvicultural characters 1930
- spacing 3536
- thermal relations 7468
- transpiration 5934
- underwood 3536
- water relations 5934, 6711

T. cordata* × *T. platyphylla 5641
T. mandshurica 3515
T. platyphyllos 4277, 4392
T. taquetii 3515
T. tomentosa 2802, 2833, 6711, 7408, 7702
Tiliaceae 4317
Tomicus minor 6973, 7636
T. piniperda 537, 1136, 1572, 3087, 3089, 3096, 6213, 6218, 6973, 6999, 7636
Toona australis (see *Toona ciliata australis*)
T. ciliata 529, 4617, 7495
T. ciliata australia 3036
T. ciliata australis 130, 3310
Tortricidae 3080
Tortricodes tortricella 3082
Tortrix grossana 7247
T. loefflengiana 3082
T. viridana 1137, 2073, 2092, 2096, 3082, 3113, 3121, 6962, 7248, 7466
Torymus druparum 1134
Tragelaphus scriptus 1582, 2117, 2589
Trametes hispida 2019
T. pini (see *Phellinus pini*)
T. versicolor (see *Coriolus versicolor*)
Trechispora farinacea 6165
Trema orientalis 734, 4422
Trewia nudiflora 6816
Trichilia capitata 7495
T. dregeana 7495
T. emetica 7495
Trichoderma harzianum 6919
T. viride 482, 3171, 3711
***Trichodes* spp.** 3725
Trichodoridae 547
***Tricholoma* spp.** 7307
T. bakamatsutaka 3678
T. bakamatsutake 7562
T. fulvocastaneum 7562
T. matsutake 3678, 3680
Trichoscyphella willkommii 512, 1101, 1102, 2515, 4509, 5618
Trichosurus caninus 3790
T. vulpecula 555, 1015, 4608, 4681
***Trigona* spp.** 2330
Trimmatostroma excentricum 4515
Triplochiton scleroxylon 154, 157, 1034, 1448, 2947, 3347, 4443, 4444, 4445, 4446, 4447, 4448, 4449, 4450, 4451, 4452, 4453, 4454, 4455, 4456, 4457, 4458, 4459, 7658
***Trisetacus* spp.** 1569, 3093
Tristiropsis acutangula 1434
Trombidiidae 4563
Trophis racemosa 2894
Trypodendron lineatum (see *Xyloterus lineatus*)

***Tsuga* spp.** 384, 6491, 7312
T. canadensis
dendrochronology 2645
forest types 1614, 2982
injury by, gases and fumes 3582
insect pests, Hem. 6232
stand structure 1006
successional role 1974
underwood 3458
T. heterophylla
control, chemical 1764
diseases and disorders
decay 1092, 6888
root 1092, 6888
fertilizers 3192, 5895
forest types 2594, 4400, 5888
genetics/breeding 1529, 6137
increment and yield 7221
injury by, mistletoe 1112, 3070
insect pests, Col. 6990
light relations 3398
litter/humus 2594, 6888
measurement, log 348
mycorrhiza 3672
nutrition 348
planting stock 2877, 2881, 7221
propagation, vegetative 5631
provenance studies 4004
pruning 7233
roots
growth 2877, 2881
systems, distribution 2877
seed 1529
seedlings 3398
site preparation 7221
site quality 5891
soil 7420
sowing, direct 2877
successional role 2816
thermal relations 3398
thinning 1764, 3192, 7233
variation 6137
water relations 3398
weed control 5710, 5721, 5722, 7221
weedkillers, effect of 5721
wood
anatomy, reaction wood 362
borers 4566
T. mertensiana 1094, 6137
T. sieboldii 3489, 4068
Tuber melanosporum 5234
Tuberales 6874
Tuberculina maxima 2048, 2049
Tuberolachnus salignus 6234
Tullbergia krausbaueri 2818
Turraea floribunda 7495
T. holstii 7495
T. nilotica 7495
T. obtusifolia 7495
T. robusta 7495
T. wakefieldii 7495
T. zambesica 7495
Typhlocyba platanicola 3234
***Uapaca* spp.** 1014
U. kirkiana 5231
***Ulex* spp.** 1922
U. europaeus 2736, 2738, 2740, 3427, 4089, 5698, 5723, 5742, 7687
U. gallii 233
***Ulmus* spp.**
diseases and disorders
decay 2511
root 2511
wilts, dieback 1987, 2038, 2513, 3053, 3701, 3702, 3834, 3856, 4505, 4553, 4556, 4564, 6191, 6195, 6895, 7085, 7134
distribution 4378
genetics/breeding 1987, 2038
injury by, wind 2511
insect pests, Col. 2548, 4553, 4556, 4564, 6272
pollen 5787
propagation by cuttings 7134
propagation by grafting 5641
propagation, vegetative 5641
roots
growth 2179
systems, distribution 2179
taxonomy 7492
U. alata 228, 4094
U. americana
browse 4606
***Ulmus americana* contd.**
control, chemical 4093
diseases and disorders
canker, bark diseases 1995
virus 2058
wilts, dieback 3710, 4492, 4554, 4555, 6196, 7134
fertilizers 4606
forest types 6118
insect pests, Col. 2075, 4554, 4555
propagation by cuttings 7134
roots, systems, distribution 2434
tissue culture 461
***U.* 'Belgica'** 5374, 7582
U. campestris 6258, 6713
U. carpinifolia 2040, 2058, 3376, 6286, 7551
***U. carpinifolia* 'Christine Buisman'** 7582
U. carpinifolia* × *U. pumila 7551
U. carpinifolia* × *U. wallichiana 2040
U. fulva (see *Ulmus rubra*)
U. glabra 504, 2040, 2058, 4327, 6191, 7129
U. glabra* × *U. rubra 2058
U.* × *hollandica 7134
U. japonica 2040, 7134
U. laevis 959, 2058
U. parvifolia 2040, 2058
U. procera 735, 2078, 2080, 2081, 4557
U. procera* × *U. pumila 4557
U. pumila 122, 2040, 2058, 2434, 3346, 4350, 4555, 4557, 7134, 7208, 7409, 7551, 7702
U. pumila arborea 704, 855, 1159, 1756, 4049, 4350, 4657, 7057, 7172, 7414, 7624, 7704
U. pumila* × *U. rubra 2058
U. rubra 2058, 6118
U. scabra 6251
***U.* '390'** 7582
Uncinula tectonae 6921
Ungulina fomentaria 2498
***Upuna* spp.** 1986, 7454, 7456
Urocerus gigas 6225
Uromycladium simplex 3705
***Ursus* spp.** 6337
U. arctos 7036
Ustulina deusta 2509, 2511
***Vaccinium* spp.** 1761, 2594
V. globulare 3618
V. myrtillus 257, 785, 2318, 5784, 7299
V. oxycoccus 254, 829, 2158, 4134
V. scoparium 6437
V. uliginosum 784, 6126
V. vitis-idaea 783, 2298, 2318, 6629
Valsa kunzei 4479
Vararia fibra 6165
***Vateria* spp.** 7449, 7456
V. seychellarum 7454
***Vatica* spp.** 1493, 7449, 7456
***Vaticoxylon* spp.** 7462
Ventilago madraspatana 5789
***Vernonia* spp.** 2454
***Verticicladiella* spp.** 1085
V. abietina 3698
V. antibiotica 3698
V. penicillata 3698
V. procera 3711
V. wageneri 3698
***Verticillium* spp.** 2006
V. albo-atrum 3031
***Vespula* spp.** 3116, 3117
Viburnum opulus 6629
V. tinus 1189
Vireo olivaceus 6349
V. philadelphicus 6349
Virgilia oroboides 576
***Virola* spp.** 97, 588
V. caducifolia 7491
V. carinata 3598
V. coelhoi 7491
V. guggenheimii 7491
V. marlenei 7491
V. polyneura 7491
V. surinamensis 4322, 6047
Viscum album 1547
V. articulatum 3717
***Vismia* spp.** 4046
***Vitex* spp.** 2851
V. cofassus 1434
V. keniensis 4633
Viverra megaspila civettina 7025
***Vochysia* spp.** 4046
***Vochysia* contd.**
V. ferruginea 3598
V. hondurensis 2974
Vombatus ursinus 1604
Wallabia bicolor 1604
Washingtonia robusta 3039, 4549
***Weinmannia* spp.** 4375
W. jahnii 5448
W. racemosa 1011, 3684, 4630
Welwitschia 428
Widdringtonia cedarbergensis 2625
W. whytei 2625
Winthemia fumiferanae 1557
Woodfordia fruticosa 5789, 6634
Wrightia tinctoria 5789
Xanthochrous hispidus 2498
Xanthomonas campestris tomentosae 3708
X. populi 6205, 7539
Xanthophyllum papuanum 1434
Xanthorrhoea australis 1432, 2426
Xenomeria abietis 6190
Xenorhabdus luminescens 6965
Ximenia americana 5231, 7496
X. caffra 7496
Xiphydria camelus 2565, 6224, 7636, 7650
***Xylandrus* spp.** 3720
***Xylaria* spp.** 3723
***Xyleborus* spp.** 3719, 3720
X. interjectus 2563
Xyleutes boisduvali 2108
Xylia dolabriformis 2154, 6071
X. kerrii 6071
X. xylocarpa 6071
Xylocarpus granatum 1434, 7495
X. moluccensis 7495
Xylogenes dilatatus 4565
***Xylopia* spp.** 6047
X. benthamii 6047
X. grandiflora 6047
Xylosma congestum 1189
Xyloterus domesticus 6267
X. lineatus 1117, 1121, 6213, 6225, 6265, 6267, 6271, 6290
Xystrocera festiva 5322
Zanthoxylum clava-herculis 4189
Z. fagara 4607
Z. rhetsa 4169
Zapus hudsonius 6001
Zeiraphera diniana 2537, 2538, 2545, 2546, 2547, 3072, 6460, 7113
Zelkova serrata 1895, 4016
Zeuzera pyrina 2642
Zicania densiflora 2477
***Ziziphus* spp.** 6597
Z. jujuba 1970
Z. mauritiana 2519, 7021
Z. nummularia 1970
Zygia latifolia 6069

SUBJECT INDEX

Abscission 613
Abu Dhabi
afforestation 5191
arid zones and deserts 5191
erosion 2608
Accidents and their prevention 224, 669, 781, 1232, 1670, 1674, 2230, 2679, 3290, 3294, 3295, 5270, 5271, 5272, 5273, 5274, 5276, 5278, 5279, 5281, 5282, 5283, 5287, 7167
Accountancy 1396
Advance growth (*see* Regeneration, natural, advance growth)
Advisory services (*see* Extension services)
Aerial photography (*see* Remote sensing; Surveys, aerial)
Afforestation 218, 432, 695, 1208, 2656, 2659, 3208, 3949, 3952, 4757 (*see also* Plantations, general; Planting)
agricultural land 1167, 2153, 5150, 5382, 6580
alkaline sites 1166, 5918
arid regions 1749, 1970, 2732, 3136, 3897, 4798, 5100, 5191, 5202, 5239
book 2283
burnt sites 4897
catchment areas 565
coastal 2612
dry sites 4758
economics 3142, 3825, 7371
eroded sites 4227, 5177
heathland 335, 6124
marginal, waste, degraded land 570, 1936, 2156, 2157, 2163, 3139, 3825, 5145, 5160, 5239, 5419, 5439, 6396, 6621, 7708
mining wastelands 2154, 2613, 3819, 3820, 4658, 5419, 5481, 5714, 6397, 6567, 6568, 6569, 7712
mountains 6621, 7379
peatland 2158, 2775, 3826
polluted sites 2830
sand dunes 571, 861, 2155, 2976, 3142, 4601, 4659, 4801, 4836, 5180, 6527
steep slopes 1167
systems analysis and simulation 6669
wet lands 3635
Afghanistan, *Populus* spp. 6761
Africa
Acacia 7501
bibliography 3179
book 995, 3129
development, forestry 3829
ecology, forest 3179
farm forest(ry) 3217
flora/check lists 995, 2454
forests and forestry 1209
gums 4141, 4142
hunting 2121
land use 3829, 4674
management, forest 4871
minor forest products 4674
mountain forests and forestry 4404
nature conservation and reserves 4971
plantations 3889
research 5030
resources, forest 656
shifting cultivation 1209
surveys, forest 5352
trees and shrubs 955
vegetation types 3129, 4404
wildlife 2119, 2121, 2122, 3129, 4696, 4969
Africa, Central
flora/check lists 1506
nature conservation and reserves 2625
Africa, East
national parks 4695
provenance studies 3329
Africa, North
deforestation 5143
development, forestry 5143
fire 929
grazing and pasture 5248
vegetation types 929
Africa, Sahelian zone
agrisilviculture 5202
choice of species 5202
land use 5202
Africa, southern
book 3640
ecology, forest 3640
flora/check lists 2457, 6081
nature conservation and reserves 2625
nursery management 2278
termites 4534
vegetation types 2457
Africa, tropical
choice of species 4054, 6518
forests and forestry 2654, 5522
grazing and pasture 5250
land use 2614
plantations 1296, 1297, 1298, 1750, 2722, 4054, 6597
planting 1750
planting stock 1750
silviculture 2722
trees and shrubs 4311
trees and shrubs for 4054, 6518, 6597
vegetation types 1297
weed control 1297
Africa, West
afforestation 1749
fire control 2844
grazing and pasture 2844
termites 2587
wildlife 2844
Age and ageing, physiological 5634
Age of trees 1358, 3861, 6657
Agriculture/forestry relations, general 1160, 1161, 1170, 1171, 1211, 1213, 1603, 1669, 2160, 2161, 2166, 2616, 2618, 3148, 3151, 3559, 3827, 3831, 3832, 3833, 3913, 4665, 4667, 4668, 4669, 4671, 4674, 4726, 4727, 4729, 4832, 4894, 5049, 5102, 5173, 5174, 5176, 5178, 5179, 5183, 5188, 5190, 5211, 5212, 5538, 5540, 5744, 6096, 6389, 6411, 6419, 6422, 7042 (*see also* Economics, forestry, vs. agriculture)
Agrisilviculture 3941, 4671, 4675, 5171, 5175, 5198, 5199, 5201, 5202, 5204, 5205, 5206, 5207, 5209, 5210, 5213, 5214, 5240, 6412, 6413, 6414, 6415, 6416, 6417, 6421, 6482 (*see also* Shifting cultivation)
see also Regeneration, artificial, combined with agriculture
Air layering (*see* Propagation, vegetative, air-layering)
Aircraft, use in forestry 834, 4898
Algae 2600, 6209
Algeria
development, forestry 5130
forest administration 5130
vegetation types 3654
Allelopathy 420, 1332, 4328, 5762, 7177
Alps, European
afforestation 4877
avalanches 4877
palaeoecology 6808
vegetation 998
Altitude 7479
effect on increment and yield 3411, 5815
effect on local climate 3411, 6815
effect on wood properties 5990
Ambrosia beetles (*see* Borers, wood)
Amelioration of forest sites 3868, 7130
Amenity forests, parks 192, 1178, 1607, 1619, 1852, 2511, 2556, 3154, 3157, 3169, 3172, 3523, 3859, 3921, 4383, 4714, 5477, 5480, 5489, 5540, 5568, 5718, 6435, 6450, 6482, 6930, 7130, 7165, 7708, 7713, 7726
Amenity value of forests 1170, 1836, 5416, 5423 (*see also* Plantations, general, amenity aspects; Recreation, forest)
America, Central
diseases, tree 51
education and training 7162
forests and forestry 2654, 5522
landscape 3932
management, forest 3932
parasites and saprophytes 57
pests, general 51
termites 4535
America, Latin
afforestation 3952, 4759
book 5567
America, Latin *contd.*
breeding, tree 4842
development, forestry 4736, 5094, 5567
documentation and information services 5029
education and training 4910
forests and forestry 4736, 4744
history, forest(ry) 5567
international aid and collaboration 3952, 5040
land use 4727
nature conservation and reserves 4959
recreation, forest 4959
research 5029, 5033
silviculture 4842, 5389, 5567
surveys, forest 5352
trees and shrubs 5034
trees and shrubs for 4759
wildlife 2119, 4959
America, North
Abies grandis 3317
bibliography 6487
birds 4523, 4524, 7662
book 409, 1969, 3123, 3176, 4612
breeding, tree 7517
Choristoneura fumiferana 2542, 2544
Cryptococcus fagisuga 4512
diseases, tree 2045, 2506, 4512
education and training 5574
environmental conservation 5574
fertilizers 4857
fires, forest 6330
fish 1595
fishing and fishery management 3799
forests and forestry 3176
history, forest(ry) 6487
nature conservation and reserves 4971
parasites and saprophytes 57
plantations 3883
provenance studies 5611, 7515, 7517
trees and shrubs 409
vegetation 1969
vegetation types 4380, 4414, 5878
wildlife 2111, 3123, 3883, 4612, 4961, 6337, 7664
America, South
Atta spp. 62
bibliography 3181
catchment areas, management 4937
development, forestry 4733
economics, forestry 5844
education and training 4911
forest policy 4729
forests and forestry 2654, 3270, 5522
land use 4729, 4731
national parks 7725
nature conservation and reserves 4937
reserved forest 4728
silviculture 4782
termites 4535
trees and shrubs 7447
wildlife 2585, 4960
Amphibians 2586, 4695, 7116
Anatomy, plant 4459, 7448, 7454, 7456, 7457 (*see also* plant parts concerned, e.g. Bark, Leaf)
book 6768
Angola
microclimatology, micrometeorology 5988
species trials 1248
Annual rings (*see* Rings, growth)
Anti-transpirants 3403, 4113
Antibiotics in plants 976, 3604, 3605, 4318
Ants 1574, 2073, 2092, 2566, 3090, 3117, 3722, 3751, 4531, 4591, 4693, 6043, 6211, 6227, 6233, 6256, 7000, 7009, 7018, 7470, 7614
Apiculture 255, 2330, 4152, 4965, 5226, 5405 (*see also* Bees)
Aquaculture 5224, 7033, 7034, 7747
equipment and methods 2132, 2137, 2599
fish 6095
genetics/breeding 2141
invertebrate 4628
nutrition 4628
Arboreta 123, 125, 2179, 2633, 2639, 2969, 2970, 4715, 5465, 6455, 6456, 7097

Arboricides (*see also* Weed trees and shrubs, control, chemical; Weedkillers)
Arboriculture 772, 1186, 1188, 1620, 2174, 2175, 2176, 2177, 2883, 3854, 5414, 5487, 5491, 6451, 7095
book 3168, 7748
review 6452
standard 1191, 1192, 7096
Argentina
book 5567
climate 4830
credits and subsidies 5065
dendrochronology 7099
development, forestry 5061, 5134, 5154, 5567
diseases, tree 4893
documentation and information services 3988
economics, forestry 4790
edible plants 5236
education and training 4904, 4972
environmental conservation 5113
Eucalyptus spp. 5366
fire control 4881
forest administration 4896
forests and forestry 5039
fungi 5236
history, forest(ry) 5567
hydrology 7099
irrigated stands 4763
labour, forest 4896, 5089, 5267, 5309
land use 4770, 4832, 4947, 4993, 5134
legislation 4979
Libocedrus chilensis 4776
management, forest 5066
nature conservation and reserves 4947, 4972, 4974, 4975, 4976, 4977, 4979, 4984, 4985
Pinus 4795
P. caribaea 4777
P. halepensis 5386
P. taeda 4793
plantations 4773, 4776, 4795
Populus × *canadensis* aggr. 4764, 4779
productivity, forest 4763, 5075
Prosopis ruscifolia 4768
protection forest 5386
provenance studies 178
recreation, forest 4973, 4985
research 4904
seed sources 4787
silviculture 4800, 5267, 5567
soil types 4792
species trials 4764, 4777, 4779
surveys, forest 4862
thinning 4803, 4859
vegetation 4772, 4984, 4993
vegetation types 4420, 4830
weed control 5736, 6310, 6604
wildlife 4975
Arid zones and deserts 837, 2732, 3136, 3897, 4772, 4784, 4791, 4798, 5100, 5175, 5191, 5239, 5241, 5246, 5386, 6415, 7208
bibliography 3264
Asia
credits and subsidies 5320
development, forestry 3218, 5320
Dipterocarpaceae 7445, 7446
research 5032
resources, forest 1651
Asia, South-East
botanic gardens 3858
canes and rattans 3464, 6632
choice of species 774
ecology, forest 6728
edible plants 5223
Eucalyptus 774
forests and forestry 5463
insects 1558
logging 6728
nature conservation and reserves 3858, 5446, 5457
plantations 774
wildlife 2586
Asia, tropical, forests and forestry 2654, 5522
Aspect and slope 15, 431, 1005, 1975, 3564, 5860
effect on increment and yield 1356, 2754, 2808, 5815
Associations, societies 112, 1926, 3947, 3948, 4734, 5128, 5131, 5132, 5531, 5727, 6377
Assortments and assortment tables 793, 1406, 5800, 5821, 6636, 7357
Atlases 584, 585, 586, 587
Atmosphere, composition 2845, 7375, 7425, 7426
Attractants, insect (*see* Insect pests of trees, attractants)
Australia
biological control 7125
book 3623, 5993
breeding, tree 187, 5365, 6158
development, forestry 5257, 7064, 7065, 7066
diseases, tree 2035, 3688, 3689, 3690, 3696, 6158, 7125
Erythrina 4353
Eucalyptus 3623, 4114
farm forest(ry) 1213
fire 908, 918
fire control 1872
fires, forest 906, 4899, 5993
forest policy 5079, 7066, 7067
insects 2062, 3155, 3750
labour, forest 5257
land use 7064, 7065, 7066, 7067
management, forest 3688, 3690, 3696, 5349, 5426, 7064, 7065, 7067
mycorrhiza 3677
nature conservation and reserves 3155
nursery management 5674
Pinus radiata 5365
plantations 3750
precipitation 906
propagation 1032
provenance studies 187
remote sensing 1872
Scolytoidea 6972
seed production 6837
silviculture 4114, 5371
surveys, aerial 1394
surveys, forest 3503, 5349
urban and suburban forest(ry) 5495
vegetation types 918, 3689, 4406, 7323
vegetational history 908
weed control 5731, 6605
wildlife 1908, 3130
Australia, ACT
ecology, forest 6111
wildlife 3777
wind damage 1414
Australia, Northern Territory
fire control 3593
history, forest(ry) 3961
irrigated stands 1250
land use 3961
Leucaena leucocephala 5379
machines, tools, equipment 3593
provenance studies 131, 1703
site preparation 5379
soil types 3541
species trials 1250
vegetation types 3541
Australia, NSW
birds 2108
breeding, tree 165
Calomela 6977
deforestation 1398
diseases, tree 165, 983, 2024
economics, forestry 1398
erosion 3821
Eucalyptus pumila 6073
fertilizers 5883
fires, forest 2427, 3535, 4294
flora/check lists 993
fungi 493, 495
mangroves 3529
nature conservation and reserves 1604, 3781
ornamental trees and shrubs 1937
Pinus 1331
plantations 1331
provenance studies 141, 164, 3019
regeneration, natural 6583
remote sensing 3781, 3783
soil survey 3537, 3538
succession 4294
treelines and timberlines 4259
vegetation types 3538
wildlife 1604, 2112, 3776, 3781, 3783, 3790
Australia, Queensland
Aesiotes notabilis 1560
Araucaria cunninghamii 4847
diseases, tree 53
environmental conservation 7086
fertilizers 2696
fires, forest 6754
improvement planting 2385
land use 5437
mangroves 7506
nursery management 1278, 2294
Pinus caribaea 4828
provenance studies 131, 185, 186
site preparation 6601
species trials 186
thinning 1762, 6611
vegetation types 5437
weed control 2294, 5743, 5744
yield studies 6668
Australia, South Australia
fires, forest 2426
fish 3797
labour, forest 5300
legislation 1223
mycorrhiza 1082
nature conservation and reserves 1223
plantations 3891
productivity, forest 242, 3891
regeneration, natural 2426
research 3891
vegetation types 3797
weed control 3428
wildlife 1223, 3794
Australia, Tasmania
accidents 5272
diseases, tree 4341
fish 3797
provenance studies 164
trees and shrubs 2973
vegetation types 3797
Australia, Victoria
afforestation 2612
book 98
breeding, tree 165
browse 6773
Calomela 6977
catchment areas, management 7690
diseases, tree 165, 2036
farm forest(ry) 5189
fertilizers 1721, 1753, 4040, 5505, 5662, 7285
fire control 2846
fires, forest 889
forests and forestry 98
hydrology 1597, 6371, 6391
insects 6986
labour, forest 5593
Lichenaula spp. 3078
management, forest 636, 819, 4940, 5593
nursery management 720
plantations 819, 1752
planting 5687
provenance studies 164, 2682, 3019
recreation, forest 4707
regeneration, natural 6584
research 720
seed production 4848
shelterbelts 5189
site preparation 1753, 2846, 7285
spacing 5687
species trials 7285
surveys, forest 2789
thinning 1920
vegetation types 2612
weed control 1760, 2410
wildlife 2106, 2107, 2127
Australia, Western Australia
afforestation 3142
agrisilviculture 6421
biological control 3037
breeding, tree 6839
catchment areas, management 1149
development, forestry 5263
diseases, tree 2521, 3037, 3695
environmental conservation 1609
Eucalyptus 406
fertilizers 3434
fire control 6750, 7443
fires, forest 6751, 7443
forest policy 1867
hydrology 1148, 3806, 7684, 7685
labour, forest 5263
management, forest 1609

Australia, Western Australia *contd.*
nature conservation and reserves 6425
remote sensing 3695
spacing 6592
surveying and mapping 2794
thinning 3434
vegetation types 4407, 6123
wildlife 6425
working plans 1867
Austria
Acantholyda erythrocephala 7002
accidents 5274
afforestation 7379
associations, societies 112
breeding, tree 3663, 4433
browse 5679
Cephalcia abietis 7648
choice of species 245, 7262
economics, forestry 4676, 5058, 5072
education and training 1230, 2747, 6510
environmental conservation 5072
farm forest(ry) 4676
forest policy 5058
forest site classification 7379
grazing and pasture 1579
insects 6282
Ips typographus 2564
labour, forest 2747, 5274
machines, tools, equipment 1336, 2746
measurement tables 6636
mechanization of forest operations 3125, 7369
mountain forests and forestry 5274
mycorrhiza 3021
nature conservation and reserves 4399
nursery management 3021
plantations 245, 7262
planting stock 115, 6596
pollution, air 3581
private forest(ry) 3919
propagation 115
protection forest 2564, 4178
provenance studies 3332, 6596, 7515
public relations 6510
recreation, forest 5072
regeneration 6596
research 6660
seed trade 115
silviculture 5679, 5857
snow damage 5857
statistics, forest 6480
surveys, forest 6480
thinning 2351, 2746, 2747, 3298
vegetation types 4388, 6713
weed control 1336
wildlife 3125, 5679
wind damage 2564
work studies 2746, 3125, 3298
yield studies 2351, 6660
Auxiliary species (*see* Nurse and auxiliary species)
Auxins (*see* Growth regulators, auxins)
Avalanches 4227, 4877, 7054
book 7695
Azores, vegetation types 4405
Bacteria 4318, 6706 (*see also* Soil biology, bacteria)
Bacterial diseases of insects 525, 1574, 2095, 2098, 2099, 2559, 2572, 2573, 3752, 6250, 6251
Bacterial diseases of trees 480, 1108, 1109, 1110, 1539, 2490, 3069, 3708, 4516, 6204, 6205, 6206, 6207, 7539
Bamboos
anatomy, morphology 1444, 1940, 6022, 6028, 7678
biology and physiology 6028
distribution 2329, 7678
ecology 6109
economics 2329
edible 5232
pests and diseases 2512, 6909
silviculture 2329
wood properties and uses 2329
Bangladesh
history, forest(ry) 3263
management, forest 3263
shifting cultivation 5193
wildlife 4967
Bark
anatomy, morphology 847, 960, 1070, 1939, 3601, 4355, 4619, 6040, 6150, 7453
Bark *contd.*
biological decomposition 847, 1739
chemistry 208, 382, 847, 1939, 1941, 2439, 2902, 2903, 4132, 4277, 6040, 6046, 6774, 7480, 7588
crystals in 3601
injuries 1883
pests and diseases 6774
physiology 401
quantitative measures 960, 2759
thermal relations 1923
uses and products 252, 598, 782, 1295, 1342, 1790, 2274, 2715, 2719, 2720, 4132, 5666, 5667, 5668, 5802, 6608, 7200
variation 382, 1070, 6150
Bark beetles
attractants 548, 1119, 1120, 1564, 2078, 2080, 2081, 2082, 2562, 3086, 3737, 4552, 4554, 4555, 4556, 4557, 4558, 4560, 4567, 4568, 4569, 6260, 6264, 6266, 6268, 6271, 6272, 6277, 6278, 6280, 6290, 6997, 6998, 7634, 7638
bibliography 6984
biology and ecology 68, 536, 537, 538, 1117, 1124, 1128, 1129, 1130, 1131, 1132, 1559, 1560, 1561, 1563, 2041, 2084, 2086, 2087, 2540, 2543, 2563, 3087, 3088, 3719, 3737, 3739, 3743, 3744, 4530, 4561, 4564, 4567, 4568, 4570, 6260, 6261, 6262, 6264, 6268, 6272, 6274, 6286, 6931, 6972, 6973, 6974, 6986, 6987, 6988, 6989, 6993, 6996, 6998, 6999, 7603, 7626, 7627, 7628, 7630, 7631, 7632, 7637
control 4528, 6982
damage by 1123, 1128, 1561
detection 1873
dispersal 2535, 2543, 2551, 3088
effect on increment and yield 3089
forecasting 1128, 1131
fungal associates 3719, 4571
host relations 6988, 7630
insect associates 6979
laboratory rearing 1562
parasites and predators 525, 539, 2086, 2548, 2551, 2552, 2577, 2578, 3096, 4528, 4530, 4558, 4562, 4563, 6258, 6298, 6931
population studies and surveys 536, 1121, 1129, 1131, 2548, 4559, 6261, 6999, 7628, 7636
prevention/control 525, 1124, 1136, 1560, 1572, 2041, 2551, 2552, 2564, 3743, 4552, 4554, 4555, 4556, 4557, 4558, 6194, 6290, 6931, 6995, 7603
resistance to 382, 3744, 4570, 6974
study methods 1128, 4525, 6266, 6272, 7628, 7634, 7636
systems analysis and simulation 2543, 3744
taxonomy 7632
trapping 548, 1131, 1564, 2078, 2080, 2082, 2562, 2564, 3086, 4552, 4554, 4555, 4556, 4557, 4558, 6194, 6271, 6272, 6277, 6280, 6298, 6986, 6997
vectors of disease 2041, 4553, 4554, 4555, 4556, 4559, 4564, 4572, 7580
Barking 782
Basal area 271, 794, 1811, 1821
measurement 1369, 4869, 6641
Bats (Chiroptera) 4695, 6313, 7028
Bears 6337, 7036
Beavers 1117, 4609, 7675
Bees 1577, 2330, 2453, 2521, 3115, 4573, 5787
Belgium
diseases, tree 2490, 4340, 4505
ecology, forest 7309
economics, forestry 4222, 7309
education and training 3989
fertilizers 2257, 2396, 5654, 5655, 7288
fish 2628
forest policy 3924
forests and forestry 7309
Fraxinus excelsior 7269
insects 2629, 2630
land use 3964
landscape 2635
legislation 3964, 7156
management, forest 4206, 7309
mycorrhiza 484, 2493
Belgium *contd.*
nature conservation and reserves 2626, 7309
plantations 4117, 7288
pollution, air 2409, 2411
Populus 7288
private forest(ry) 3924, 3964
productivity, forest 104, 2343, 7395
provenance studies 4004
Quercus rubra 7268
regeneration, natural 7247
remote sensing 4206
silviculture 4117, 6521, 7269
soil types 2396, 7395
spacing 4109
surveys, forest 2367, 4154
thinning 4097, 4098, 4099, 4100
vegetation types 2478, 2479
volume tables 269, 4171
weed control 236
wildlife 2626, 2627, 4222
yield studies 4190
Belize, provenance studies 6529
Berries (*see* Fruit)
Bibliography
Africa 3179
arid zones and deserts 3264
Arthropoda 4276
birds 4618
botany 6758
Brazil, Amazonia 588
burning, controlled 6757
catchment areas 7686
charcoal 2461
Dendroctonus pseudotsugae 6984
ecology, animal 3178
ecology, forest and forestry, general 3179
fertilizers 872
fish 3132, 3803
fishing and fishery management 3800, 7041
forestry 6508
forests and forestry, general 3927
frost injury 1416
glossaries, dictionaries 5512
history, forest(ry) 6487
land use 6409
management, forest 1388, 3932
nursery management 1416
Orgyia pseudotsugata 6957
pollution, air 4276
pollution, general 1896, 2647
precipitation 2647
reclamation of degraded land 3138, 7060
recreation, forest 1388, 3842
research, forest(ry) 2648
roots 872
soil 1417
soil amendments 872
terminology 5512
trees and shrubs, general 1959
tropical forests and forestry 3181
vegetation types 1012
weed trees and shrubs, control 5742
weedkillers, application 5734
wildlife 6335
Biochemistry 390, 391, 5982
Biographies
Burckhardt, H.C. 2651
Judeich, J.F. 6469
König, G. 6470
Leibundgut, H. 5518
Siemoni, C. 7140
Biological control (*see also* Bacterial diseases of insects; Parasites of insect pests; Predators of insect pests; Virus diseases of insects)
fungus diseases 1100, 2010, 2018, 2491, 2503, 3037, 3711, 3713, 3714, 6919, 7125
insect pests 522, 523, 525, 707, 1133, 1137, 1574, 1575, 2094, 2095, 2097, 2098, 2099, 2561, 2573, 2574, 2575, 2576, 3096, 3097, 3113, 3729, 3736, 3751, 3752, 4586, 4587, 4589, 4591, 4884, 6282, 6291, 6292, 6293, 6296, 6297, 6958, 6965, 6992, 7117, 7608, 7622, 7643, 7654, 7655
periodicals and serials 3862
weed trees and shrubs 1300, 1301, 2738

Biological production of forests and trees 104, 133, 605, 606, 662, 800, 865, 1201, 1994, 3871, 5792, 5804, 6649 (*see also* Foliage, quantitative measures; Litter, forest, quantitative measures)
book 809
conferences, symposia 12
study methods 22, 809, 1806, 2343, 4332, 7347
subtropical/tropical zones
review 7323
tree layer 16, 3637, 5962
whole communities 21, 22, 1362, 1813, 2777, 7323, 7340
systems analysis and simulation 72, 1812, 2342, 2353, 6659
temperate/subarctic zones
subordinate layers 345, 347, 4600, 5819, 6126, 6655, 6656, 6830
tree layer 242, 277, 311, 345, 347, 808, 1009, 1010, 1357, 1365, 1367, 1372, 1373, 1510, 1685, 1803, 1806, 1812, 1815, 1816, 1817, 1818, 1819, 2350, 2352, 2775, 2778, 2912, 3483, 3488, 3490, 3491, 3492, 3891, 4176, 4180, 4182, 4183, 4184, 4243, 4400, 4600, 4763, 4788, 5809, 5811, 5813, 5816, 5964, 6559, 6654, 6655, 6656, 6659, 7322, 7326, 7327, 7328, 7395, 7667
whole communities 1820, 1971, 2469, 5020, 5868
Biometry 2960
Birds
bibliography 4618
biology and ecology 28, 914, 1144, 1583, 2092, 2108, 2109, 2128, 2584, 2588, 2590, 2592, 3127, 3131, 3253, 3762, 3763, 3764, 3765, 3766, 3767, 3768, 3769, 3770, 3772, 3773, 3774, 3775, 3884, 4523, 4524, 4526, 4527, 4528, 4529, 4530, 4615, 4616, 4624, 4633, 4688, 5619, 6003, 6064, 6065, 6108, 6226, 6312, 6315, 6316, 6327, 6328, 6332, 6333, 6344, 6349, 6351, 6390, 6563, 7029, 7030, 7112, 7113, 7249, 7594, 7662
conservation and management 1138, 2282, 2590, 2592, 3131, 3760, 3762, 3767, 3768, 3771, 4618, 4695, 6003, 6312, 6354, 6390, 7025, 7030
damage by 7258
effect of fire 914, 949
effect of pesticides 3083, 3112, 5738, 5969
Bluestain (*see* Stain fungi)
Bogs 203, 2775, 3635 (*see also* Afforestation, peatland; Vegetation types, bogs)
Bolivia
maps, vegetation 7716
urban and suburban forest(ry) 5493
Book
afforestation 2283
anatomy, plant 6768
arboriculture 3168, 7748
avalanches 7695
biological production of forests and trees 809
botany 4306
breeding, tree 1526
canes and rattans 6632, 6792
Carabidae 3071
China 6483
cytology 476
decay fungi 7557
development, forestry 5567
diseases of trees, general 6870
ecology, forest and forestry, general 2984, 3640, 3996, 4373, 5851, 7101
economics, forestry 2218
edible plants 3463
education and training 1664
energy resources 3300
environmental conservation, general 4692, 6430
Eucalyptus 3623
fertilizers, application 205
fires, forest 5993
fishing and fishery management 6355
flora/check lists 413, 414, 995, 997, 1503, 1964, 1965, 2458, 3631, 6793
foliage 2321
forest policy 2661
Book *contd.*
forestry 3176, 6508
forests and forestry, general 98, 1200, 1503, 6483
fungi 1534, 2021, 7553
fungus diseases, general 6869, 7554
genetics, plant, general 1526
habit of growth 4307
hydrology 3809
insect pests of trees 1132, 3074, 4573
inventory, forest 1622
land use 2617, 4673
landscape and forestry 6443
landscape ecology 3856
mammals, general 3129, 4613
management, forest 1827, 4198, 4673
mangroves 3648
maps 7716
nature conservation and reserves 366
nutrient cycle 5850
palaeoecology 6808
pesticides, general 1621, 3240, 5510, 5585
physiology, plant 395, 1946, 2444, 3610
phytopathology, general 479, 6461
plant geography 4380
precipitation 3580
private forest(ry) 2218
reclamation of degraded land 3141
recreation, forest 4704
remote sensing 827, 5835
resources, forest 1211, 1827
roots 962
Salix 1496
Salvelinus 7040
seedlings 6072
silvicultural characters of trees 957, 958, 1438
silviculture 677, 1333, 1438, 3996, 5676
site types 6696
soil 332, 3521, 5869, 5870
soil chemistry 5850
soil formation processes 2393
soil physics 2386
soil types 2393, 3540
statistics, forest 74
taxonomy 1497, 2968, 7553
tending of stands and trees 747
termites 6231
trees and shrubs 409, 3633, 6794
tropical forests and forestry 423, 4307, 4373
urban and suburban forest(ry) 4704
useful plants 4131
vegetation, general 423, 809, 1969, 3636
vegetation types 3651, 4401, 6109
virus diseases of insects 6297
virus diseases of trees 515, 516, 4520
water relations of plants 3556
wildlife 3123, 4612, 6324, 6337
wood anatomy, general 4360
Book-keeping (*see* Accountancy)
Borers, shoot 6983
Borers, wood
attractants 4566, 6265, 6267, 6290
biology and ecology 2085, 6257, 6259, 6263, 6273, 6929, 6985, 6994, 7603
dispersal 6263
fungal associates 3720, 3721
host relations 6265
population studies and surveys 1121
prevention/control 6265, 6267, 6290, 6985, 7603
resistance to 7635
review 6985
trapping 4566, 6263, 6265
Botanic gardens 2640, 3858, 4308, 4383, 5615
Botany
bibliography 6758
book 4306
Botswana, flora/check lists 992
Bracken control 2293, 2295, 3423, 5710, 5735
Branches 1684
quantitative measures 796, 1357, 1722
Branchwood 1357, 4314
Brashing (*see* Pruning)
Brazil
afforestation 432, 4767
breeding, tree 3656, 6845
charcoal 7154
choice of species 432, 4767
Brazil *contd.*
credits and subsidies 4739
development, forestry 3956, 4739, 5161, 5504
documentation and information services 5025
economics, forestry 3466, 4739
edible plants 3466
education and training 6496, 7163
energy resources 5090, 6516
environmental conservation 3957
Eucalyptus 4060, 4061, 4820
fertilizers 4660
fire control 4299
fires, forest 5504
forest administration 3958
forest policy 2667
insects 4549, 7653
Lagria villosa 59
management, forest 2219, 2667, 7154
medicinal plants 256
mining wastelands 4660
mycorrhiza 6170
national parks 3957
plantations 661, 4056, 4079, 5069, 6496
provenance studies 3311, 3327, 4008, 4845
regeneration 4056
remote sensing 1874, 4207, 4208
research 2673, 3958, 5025, 6496
resin-tapping 4145
resources, forest 3958, 6496
review 4207
seed production 2246, 3959, 5623
seed sources 4787
silviculture 4059
site preparation 2219, 4084, 4085
soil types 6170
spacing 1751
species trials 4008, 4010
statistics, forest 5353
surveys, forest 1869
termites 2587
trees and shrubs 426, 4361
vegetation types 432, 3958, 4208
volume tables 1801, 4860
wildlife 7035
Brazil, Amazonia
aquaculture 7033, 7034
bibliography 588
climate 7383
flora/check lists 4365, 4367
hydrology 6376
land use 3145
productivity, forest 35
provenance studies 131
soil types 5920
surveys, forest 5023
useful plants 588
vegetation types 3145, 4419
Virola 7491
Brazil, central, flora/check lists 4366
Brazil, eastern
choice of species 191
trees and shrubs for 191
Brazil, north-eastern
choice of species 188
provenance studies 188
trees and shrubs 373
trees and shrubs for 188
Brazil, south-eastern
breeding, tree 140, 189, 1711
fertilizers 4814
flora/check lists 1966
forest site classification 7343
insects 6994
national parks 5475
nature conservation and reserves 2125, 4949
nursery management 1737
Paulownia kawakamii 4781
planting stock 1738
provenance studies 162, 169, 170, 177, 189, 190, 1697, 1698, 1699, 1700, 1701, 3310, 3326
recreation, forest 4949
remote sensing 3507, 4209
seed production 1711
species trials 190, 4781, 7174
surveys, forest 3507
thinning 4814
trees and shrubs for 4780
vegetation types 4865

Brazil, south-eastern *contd.*
volume tables 797, 7343
wildlife 2125, 5459
yield tables 4814, 7343
Brazil, southern
afforestation 6523
breeding, tree 1064, 1984
choice of species 6523
forest site classification 7343
nature conservation and reserves 4861
provenance studies 167, 1702, 7171
research 96
resin-tapping 1064
species trials 5116
surveys, forest 4861
volume tables 7343
yield tables 7343
Breeding, tree 3001 (*see also* Genetics, plant, general)
age effects in progeny 466, 1042, 1043, 1055, 6866
assessment of genetic gain 455, 1525, 6129, 6132, 6837, 6856
book 1526
conferences, symposia 2, 131, 139, 149, 437, 446, 678, 1019, 1037, 1518, 1903, 2997, 4443, 6831
criteria for selection 119, 154, 172, 184, 440, 441, 447, 458, 682, 684, 686, 687, 1043, 1044, 1045, 1052, 1063, 1064, 1067, 1076, 1441, 1520, 1528, 1711, 1907, 1977, 1980, 2187, 2997, 3009, 3325, 3562, 3656, 3663, 3664, 3870, 3871, 4133, 4431, 4433, 4438, 4440, 5226, 5383, 5783, 6149, 6156, 6160, 6618, 6832, 6834, 6857, 7173, 7511, 7520, 7521, 7537, 7546, 7547
data recording and processing 1066, 1521, 1522, 1524, 2997, 3004, 3005, 3006
early selection 466, 1042, 1043, 1055, 1056, 1065, 1073, 1906, 7532
ecological aspects 2, 119, 132, 136, 183, 184, 187, 440, 450, 451, 452, 465, 682, 684, 1021, 1041, 1060, 1064, 1412, 1516, 2262, 3014, 3017, 3663, 4431, 4432, 4433, 4460, 6141, 6148, 6149, 6834, 6848, 7515, 7517, 7518, 7521, 7523, 7537
economics 438, 443, 449, 1075, 3657, 5635, 6848
fertilizer aspects 1067
for resistance to injuries 119, 165, 462, 466, 600, 1025, 1028, 1075, 1412, 1987, 1990, 2038, 2040, 2051, 2052, 3053, 3597, 3706, 4432, 4844, 5605, 6036, 6147, 6151, 6158, 6204, 6205, 6247, 6858, 6902, 6903, 7463, 7520, 7521, 7528, 7535, 7537, 7539, 7545
for wood properties 2, 355, 466, 477, 1055, 1056, 1525, 1906, 1907, 4439, 5365, 6134, 6139, 6141, 6143, 6144, 6147, 6158, 6618, 6835, 7511, 7518, 7532, 7549
inbreeding effects 465, 1051, 3659
methods and techniques 144, 447, 465, 1038, 1039, 1050, 1051, 1059, 1074, 1251, 1517, 1518, 1519, 1520, 1521, 1523, 1527, 1529, 1976, 2187, 2453, 2683, 3018, 4428, 4458, 4460, 6128, 6134, 6151, 6786, 7508, 7509, 7523, 7543 (*see also* Flowering, induction; Mutagens; Pollination)
phenotypic selection 1065, 1525, 3857, 4137, 4353, 4462, 5231, 5358, 5365, 6138, 6146, 6148, 6852, 6856, 7540, 7542
progeny testing 144, 158, 187, 455, 457, 465, 600, 1023, 1042, 1065, 1067, 1068, 1069, 1073, 1251, 1519, 1520, 1530, 1532, 1711, 1977, 1980, 1984, 2262, 2483, 3014, 3016, 3017, 3018, 3325, 3664, 4018, 4433, 4438, 4439, 4458, 4460, 4821, 5358, 5359, 5361, 5362, 5363, 6129, 6131, 6139, 6146, 6149, 6204, 6841, 6846, 6850, 6852, 6857, 6858, 6902, 7509, 7520, 7523, 7533, 7540
Breeding, tree *contd.*
programmes and research 2, 131, 132, 138, 139, 140, 142, 146, 149, 184, 189, 443, 444, 449, 453, 463, 477, 678, 1060, 1074, 1519, 1523, 1977, 1987, 2052, 2484, 2920, 2997, 3006, 3562, 3657, 3659, 3663, 3706, 3936, 4428, 4430, 4460, 4828, 4841, 4842, 4843, 5365, 5635, 6128, 6129, 6132, 6141, 6143, 6148, 6158, 6205, 6833, 6836, 6837, 6839, 6843, 6844, 6845, 6853, 6859, 7279, 7517, 7518, 7521, 7523, 7534, 7541, 7548
review 466, 1525, 6023
use of ploidal variants 6151
Browse 1586, 3201, 3786, 4189, 4604, 4606, 4607, 4617, 4623, 5239, 5241, 5405, 6000, 6325, 6340, 6346, 6419, 6773, 7023, 7037, 7305, 7660, 7665, 7666, 7667, 7668, 7670, 7672, 7678
Browsing damage 1579, 2975, 5679, 5832, 6339, 7038, 7679
Brush control (*see* Weed trees and shrubs, control)
Budding (*see* Propagation, vegetative, budding)
Buds 135, 174, 388, 389, 616, 956, 1716, 1883, 1932, 1945, 1949, 1979, 2491, 2956, 3339, 3347, 4317, 4453, 4494, 6054
Buffaloes 2122, 4621
Bulgaria
afforestation 2656
amenity forests, parks 3169, 3523, 3859
biological control 6296, 7622
breeding, tree 3014, 3664, 6147, 6148, 6149, 6247
catchment areas, management 6386
climate 3411
coppice 4123
development, forestry 2655
erosion 3812
fertilizers 2703, 3824
forest site classification 2779, 3524
forests and forestry 4825
history, forest(ry) 2655, 2656
hunting 2657
insects 3082
Neodiprion sertifer 3091
nursery management 2718
planting stock 2717, 3411
precipitation 3812
productivity, forest 3491
propagation 2692, 3349, 5785
provenance studies 2684, 2685, 3328, 6247
Quercus 4118
reclamation of degraded land 3824, 7061
recreation, forest 6436
regeneration, natural 2726, 3404, 4072
resin-tapping 2763, 3588, 5785
roads 4230
seed production 6063
shelterbelts 7702
silviculture 3404, 4118, 4119
soil types 3539, 3824, 4249
sowing, direct 3451
spacing 7702
species trials 3999
surveys, forest 2793, 3505
thinning 2748, 4104
Tortricidae 3080
trees and shrubs 2979, 6020
volume tables 2772, 2773, 3477, 3478
wildlife 6331
yield tables 2783, 2784, 3478, 5821, 7331, 7344
Burma, mechanization of forest operations 4740
Burning, controlled (*see also* Site preparation, burning)
bibliography 6757
effects 365, 662, 911, 919, 920, 922, 1016, 1433, 1922, 2840, 2844, 2845, 2846, 3596, 4301, 4886, 5737, 5743, 5997, 6001, 6003, 6004, 6088, 6750, 6753, 6757, 7443, 7666, 7667
equipment 2839
methods 911, 1433, 2839, 6753, 7433
policy, planning 918, 920, 940, 3618, 4886, 6003, 6753
season, meteorological conditions 1431, 3618
Burning, controlled *contd.*
see also Weed control in plantations, by fire or flame
Bush fallow (*see* Shifting cultivation)
Butt rots (*see* Root and butt rots)
Calorific value of plants or plant products 670, 726, 3488
Cambium and cambial activity 1439, 1950, 2491, 2911, 6038, 6663
Cameroon
book 1965
flora/check lists 1965
provenance studies 131
recreation, forest 2123
wildlife 2123
Canada
amenity forests, parks 6450
bibliography 1416, 1896, 3800
book 1622
Choristoneura fumiferana 3239
climate 1881, 2379
conferences, symposia 1457
development, forestry 5084
diseases, tree 1542, 2032, 4490
economics, forestry 1875
education and training 4925, 5582
fertilizers 3391, 4856
fires, forest 906, 1917, 2422, 3594
fish 3577
fishing and fishery management 2140, 3800
forest ownership 6450
forest policy 5562, 5564
forest site classification 3866
forests and forestry 1632, 5562
history, forest(ry) 5554
hydrology 4996
insects 1550, 5424
labour, forest 5312
land use 4942, 7075
landscape 6399
logging damage 1807, 1808
management, forest 1196, 3239, 5393, 5397
maps, forest 2983
mechanization of forest operations 4827
national parks 7087
nature conservation and reserves 1614, 3837
nursery management 1416, 1457, 3391, 4818
pollution, general 1896, 4880, 4991
pollution, water 3577
Populus tremuloides 5773
precipitation 906
productivity, forest 2342, 5868
propagation 7516
provenance studies 1985
public relations 1666
recreation, forest 5496
regeneration 2865
research 3933, 5562
resources, forest 5562
roads 1896
silviculture 4827
soil types 5868
statistics, forest 1799
surveys, forest 1622, 3837, 7360
taxation 1875
urban and suburban forest(ry) 5496, 6448, 7094
vegetation types 1614
Canada, Alberta
diseases, tree 3703
erosion 3814
fertilizers 3363
fires, forest 5994
fishing and fishery management 3892
hunting 3892
land classification 3146
land use 3892, 7062
management, forest 6582
nature conservation and reserves 3146
nursery management 5669
planting stock 1463, 1883
pollution, air 6721
recreation, forest 2172, 3892
regeneration 6582
shade trees 2100, 6302, 6303
shelterbelts 2100, 6302, 6303
site preparation 7219
soil types 5669
thinning 3363

Canada, Alberta *contd.*
vegetation types 5866
wildlife 3785
Canada, British Columbia
Actebia fennica 6243
book 2661
Bourletiella hortensis 526
breeding, tree 3659
credits and subsidies 6499
diseases, tree 2049, 3030, 6176, 6177, 6190
economics, forestry 5106, 6499, 7233
education and training 5995
erosion 5900
fires, forest 5995
fishing and fishery management 2129, 2135, 2594
forest policy 2661
forests and forestry 113
Gnathotrichus 4566
grazing and pasture 6308
insects 1265, 6176, 6177
land use 5421, 6449
logging 5900
machines, tools, equipment 6590
maps, forest 5837
nursery management 1458, 1462, 5894
parasites and saprophytes 3070
phenology 956
Pissodes strobi 3742, 4570
planting 6590
planting stock 1459, 1465, 2881
private forest(ry) 658
provenance studies 116, 956, 1692, 3012
remote sensing 826, 1873, 2372, 5837
roads 5900
seed production 1265, 1707
silviculture 4823
site preparation 1754, 5780
spacing 3484
thinning 1764, 7233
urban and suburban forest(ry) 6449
weed control 1764
wildlife 3786, 3787, 3788
Xyloterus lineatus 6271
yield studies 1825
Canada, eastern
Choristoneura fumiferana 2955
Malacosoma disstria 2070
plantations 5767
silviculture 5767
Canada, Manitoba
land use 7062
nursery management 5671
planting stock 1464
Canada, New Brunswick
breeding, tree 449
Choristoneura fumiferana 2528, 4592, 6253, 7613
diseases, tree 2554
farm forest(ry) 5256
fertilizers 528, 3364
insects 2554
labour, forest 5256
pollution, general 2830
seed production 2932
soil survey 2830
Canada, Newfoundland
aquaculture 2132
birds 3083
choice of species 3338
Choristoneura fumiferana 3083, 6253
climate 5612
diseases, tree 2054
drainage, land 3422
fishing and fishery management 4629
insects 1549
nature conservation and reserves 1613
peatlands 3422
Populus 7533
provenance studies 163, 5607, 5612
species trials 5606, 7533
trees and shrubs for 3338, 5606
vegetation types 431
Canada, Northwest Territories
remote sensing 2795
soil types 2795
vegetation types 2795
wildlife 3793
Canada, Nova Scotia
aquaculture 2137
Choristoneura fumiferana 2071, 6253
diseases, tree 2554
fertilizers 208
Canada, Nova Scotia *contd.*
insects 2554
nature conservation and reserves 1974
succession 1974
Canada, Ontario
agrisilviculture 5214
Argyresthia thuiella 7617
birds 6349
breeding, tree 465, 7546
Choristoneura fumiferana 4542, 4584
credits and subsidies 2662, 2663, 2664
diseases, tree 1536, 2031, 3686, 3701, 3702, 4554
farm forest(ry) 5256
fertilizers 6545, 6575
fire control 2843
fires, forest 1770
forest site classification 7330
forests and forestry 2662
Hylurgopinus rufipes 4554
labour, forest 5256, 5678
land use 418
legislation 3272, 6446
Malacosoma disstria 3097
management, forest 4934, 5340, 5552, 5838
nursery management 216, 1460, 6575
Pissodes strobi 2580
plantations 5763, 5766, 5772
pollution, air 3028
Populus 7546
provenance studies 6520
Pulicalvaria thujaella 7617
recreation, forest 1182, 5904
resources, forest 5552
seed production 2925
silviculture 4824, 5214, 5678, 5766, 5772, 6520, 7264, 7546
site preparation 5692
surveying and mapping 5838
surveys, forest 5340
urban and suburban forest(ry) 3272, 6446, 6447
vegetation types 5904, 6349
weed control 7227
wildlife 6318, 7027
yield tables 1822
Canada, Prince Edward Island
diseases, tree 2554
insects 2554
Canada, Quebec
arboreta 6455
birds 4688
breeding, tree 465
choice of species 5771
Choristoneura fumiferana 3084, 4593, 4596, 6244, 6253
credits and subsidies 2662, 2665, 2666
diseases, tree 3686, 6187, 7570
economics, forestry 657, 4214, 5840
farm forest(ry) 1853
fertilizers 483, 2704, 2750, 5771
fire control 1660, 4304
fires, forest 1913
fish 558
fishing and fishery management 1593
forests and forestry 2662, 6489, 6490
legislation 1660
management, forest 657, 1853
mycorrhiza 483
nature conservation and reserves 3838, 4683
plantations 4215
recreation, forest 3840
regeneration 4829
regeneration, natural 5683
remote sensing 828, 1913, 6341
silviculture 4829, 5765, 5768, 5840
site preparation 7260
soil types 2475
thinning 2750
vegetation types 828, 2475
weed control 5768
wildlife 553, 2116, 6341
yield tables 1385, 4191
Canada, Saskatchewan
documentation and information services 2366
statistics, forest 2366
surveys, forest 2366
Canada, western, insects 2530
Canada, Yukon
diseases, tree 6176, 6177
Canada, Yukon *contd.*
fishing and fishery management 2135, 7041
insects 6176, 6177
remote sensing 826, 2365
seed production 1707
surveys, forest 2365, 2368
Canary Islands, vegetation types 4405
Canes and rattans 991, 1795, 3464, 3508, 4151, 5407, 5411
book 6632, 6792
conferences, symposia 6632
Canopy
measurement 3483
structure 223, 265, 3474, 4163
Carbon cycle 30, 905, 2231
Carbon in plant physiology 978, 3611, 5809, 6649
Careers in forestry (*see* Education and training)
Caribbean region
education and training 7162
landscape 3932
management, forest 3932
Caribou 6337
Catchment areas 5568 (*see also* Afforestation, catchment areas)
bibliography 7686
hydrology 1148, 1149, 1150, 1152, 1153, 1155, 1157, 1596, 1837, 2142, 2143, 2601, 2603, 3135, 3806, 3807, 3809, 3811, 4635, 4638, 4641, 4644, 5182, 5892, 5981, 6371, 6381, 6391, 7351, 7690, 7692
management 565, 566, 655, 1149, 1155, 1345, 1837, 1856, 1857, 2142, 2143, 2668, 3194, 3808, 4636, 4637, 4644, 4937, 4992, 5047, 5068, 5176, 5178, 5181, 5182, 5183, 5186, 5188, 5190, 5542, 5892, 5893, 6384, 6386, 6388, 6482, 7686, 7690
nutrient cycle 566, 1147, 1148, 1150, 1152, 1153, 2142, 3135, 3806, 3807, 7682
systems analysis and simulation 4631
Cattle 1579, 1580, 2120, 3151, 3341, 3963, 4605, 4606, 4617, 4679, 6308, 6419
Cellulose, formation, structure 2646
Central African Republic, forests and forestry 654
Chad, flora/check lists 1504
Chamois 6345, 7026
Chaparral (*see* Vegetation types, chaparral)
Charcoal 5090, 7154
bibliography 2461
Chemical constituents of plants, general
analysis 1483, 2649, 2900, 2901, 2903, 2904, 2905
biologically active 420, 1332, 1347, 3047, 3604, 3605, 4318, 4330, 4501, 6048, 6774, 6775, 6888, 6897, 6901, 6991, 7005, 7646
genetic aspects 1046, 1072, 3013, 3562, 6863, 7477, 7567
relation to growth factors 420, 1332, 2775, 3013, 3383
seasonal variation 382, 963, 1048, 3562, 4132, 4330, 6045, 6631, 6634, 7479
taxonomic value (*see* Chemotaxonomy)
Chemical constituents of plants, inorganic
B 3576
Ca 3574
Cu 3574
F 1893
Fe 3574
K 350, 3574
Mg 3574, 3576
minor elements 70, 4325
Mn 3574
N 350, 3383, 3574, 3576
Na 350, 3574
P 350, 3574
S 1893, 3383, 3581
Zn 1893, 3574
Chemical constituents of plants, organic 6283
acetophenones 3607
aliphatic acids 6050
alkaloids 7478
amines 382
amino acids 174, 1072, 2901, 2904, 4539, 5983, 6045, 7477, 7567
anthocyanins 385, 2000

Chemical constituents of plants, organic *contd.*
arabinogalactans 2899
arginine 3339
caffeic acid 6050
camphene 7525
carbohydrates 382, 2870, 4094, 6322
carene 4146
carotene 4321
carotenoids 963
cellulose 2439, 4319
chlorogenic acids 6050, 6325, 7567
chlorophyll 4321
cinnamaldehydes 964
extractives 420
fats 1344, 6322
fatty acids 2438, 6885
flavones and flavonoids 380, 384, 1484, 2436, 2971, 6049, 6769, 6770, 6771, 6772, 6773, 7479, 7480
glucuronoxylans 2899
glycosides 2903, 2971, 3603, 6049, 6769, 6770, 6771, 6772, 6773, 6897
hydrocarbons 1941
leucoanthocyanin 7480
lignans 2441
lignin (*see* Lignin)
monosaccharides 2904
pectins 2899
phenolic compounds 2242, 2439, 4132, 5913, 6044, 6897, 7005, 7021
phenols 3603, 4320, 7567
phytoalexins 7591
pigments 2902
pinenes 4146, 6991, 7525
polyphenols 7005
proteins 4321
quinones 6046
sabinene 7525
saponins 6773
sterols 968, 6046
stilbenes 3047
suberin 2439
sugars 1927, 5983, 6182
tannins 3454, 6279, 6631, 6634, 7567
terpene alcohols 3606
terpenes and terpenoids 193, 379, 381, 383, 390, 391, 459, 472, 1025, 1045, 1046, 1048, 1057, 1068, 1482, 2898, 3660, 4323, 4324, 6773, 6859, 7452, 7510, 7525
waxes 2437, 6773
xyloglucan 2899
Chemical constituents of wood (*see* Wood, chemical constituents)
Chemicals, use in forestry 4889
safety measures 1764, 5585, 5725, 5726, 5727, 5893
Chemotaxonomy 380, 2436, 2971, 3658, 7452
Chile
afforestation 5145
agrisilviculture 3941
book 5676
breeding, tree 3936
development, forestry 3934, 3938
diseases, tree 58
economics, forestry 1880, 4212, 4726, 5038
edible plants 2766
education and training 2671, 3942, 5291
erosion 4653
fire 908, 930
fire control 3940, 5571
forest administration 3935, 3938
forest ownership 5565
forest policy 3939, 4726, 5566
forests and forestry 3934
insurance, forest(ry) 5571
labour, forest 3293, 3942, 5291
land use 4726, 4993
legislation 3274, 3938, 3939
management, forest 1880, 3938, 5566
mechanization of forest operations 4742
national parks 6432, 7087
nursery management 3397, 4855, 6578
periodicals and serials 7100
pests, general 58
Pinus radiata 52, 6609
plantations 5566
planting 5614, 5697
private forest(ry) 3935, 3939
provenance studies 3324, 3331
Chile *contd.*
research 2671, 3943
seed production 3936
silviculture 3935, 4742, 5676
soil types 5919
sowing, direct 4789
spacing 2729, 3413, 5696
species trials 3937, 5614
succession 6827
surveys, forest 1879
thinning 6609
trees and shrubs for 3324, 5614
vegetation 4993
vegetation types 1975, 4397, 4420, 4423, 5808, 6827, 7389
vegetational history 908
volume tables 6645
weed control 5698
wildlife 3124
work studies 3293
China
agrisilviculture 4671, 6482
amenity forests, parks 6482
biological control 4589
book 6483
catchment areas, management 6482
development, forestry 2214, 7148
diseases, tree 4507
forest administration 5539
forests and forestry 5539, 6483
insects 6963
rural economy 589
shelterbelts 4671, 6482
silviculture 1438
urban and suburban forest(ry) 6445, 6482
China, Kwangtung
amenity forests, parks 5540
flora/check lists 2456
provenance studies 5540
Chlorophyll 386
Chlorosis 2399, 3572, 7397
Choice of species 93, 120, 121, 122, 123, 125, 128, 130, 180, 181, 184, 188, 191, 192, 432, 684, 689, 774, 839, 1166, 1246, 1247, 2154, 2240, 2275, 2276, 2277, 2732, 3305, 3306, 3307, 3315, 3325, 3338, 3412, 3905, 3998, 4003, 4007, 4013, 4039, 4054, 4371, 4372, 4712, 4757, 4758, 4767, 4780, 5155, 5541, 5608, 5615, 5616, 5771, 6090, 6518, 6523, 6526, 6530
Christmas trees 1343, 2297, 2520, 3455, 3738, 5403, 7417
Chromosome studies 467, 476, 955, 1986, 1989, 2918, 3020, 3661, 6130, 6847, 7450, 7524, 7551
review 6127
Cleaning 761, 762, 763, 1328, 4117, 4128, 6619, 6734
Clear felling, effects
ecological 554, 1121, 4062, 4997 (*see also* Succession, relation to felling and logging)
on nutrient cycle 875, 3567
Clear-felling system (*see* Silvicultural systems and types of felling, clear felling)
Clearing 5252
Climatology 4233 (*see also* Dendrochronology; Microclimatology, micrometeorology)
bioclimatic indices 402, 2800, 2917, 3517, 4533, 5612, 5810, 5813, 7376, 7474
classification of climates 2379, 4422
climatic variations 840, 890, 906, 907, 1881, 2378, 2379, 2774, 2776, 2800, 2801, 3517, 3651, 4766, 5813, 7376, 7474
conferences, symposia 5852
research 5936
Climbers 430, 578, 6211
Clones 478
Clothing, working and protective 1236, 2679, 5273
Codes of practice, *see* Standard
Collecting, sampling (*see* Specimens and samples, collection)
Colombia
afforestation 695, 3949, 3952, 7371
associations, societies 3947, 3948
birds 3634
Colombia *contd.*
breeding, tree 142, 144, 463, 3657, 6131, 6132
choice of species 4007
climate 7340
concessions and licences 4075
credits and subsidies 3945, 3951, 5067, 7371
development, forestry 2159, 3946
diseases, tree 48, 3953
ecology, forest 7340
education and training 7163
farm forest(ry) 4678
fertilizers 3386, 5659
flora/check lists 3634, 4364
forest policy 3344, 3946
forest production 7340
forests and forestry 3944, 3955
insects 49, 3634
international aid and collaboration 3952
land use 2159, 3949, 3950, 6410, 7169
management, forest 3946
maps, vegetation 6410
nature conservation and reserves 577
nematodes 2090
nurseries, tree 1678
nursery management 3399, 4046
pests, general 3953
plantations 1678, 3444, 4075, 5067
planting stock 3400
private forest(ry) 3954, 5059
propagation 3350
provenance studies 3312, 5610
Pseudopantomorus latifrons 46
regeneration 1008
regeneration, natural 4065
remote sensing 3950
research 5013
resources, forest 7155
seed production 695
silviculture 1678, 7169
site preparation 4083
spacing 3444
species trials 5603
thinning 3444, 4101
trees and shrubs for 4007
vegetation types 1008, 7340
volume tables 3479, 4166, 4167, 7316
weight tables 3479, 4166, 4167, 7316
wildlife 3634, 4622
yield tables 4678
Colour of plants 4813
Common Market (*see* European Economic Community)
Communal forest(ry) 1649, 3283, 3289, 3297, 5120, 5127, 5138, 5153
Communications (*see also* Fire control, general, communications; Roads; Tracks, trails)
Competition, effect on growth and form 802, 1366
Composts 2273, 2274, 2715, 2720, 5667
Computer techniques 10, 296, 520, 618, 619, 621, 791, 891, 1396, 1524, 1568, 1629, 1630, 1676, 1812, 1823, 1865, 1914, 1921, 2185, 2364, 2368, 2650, 2787, 3005, 3006, 3436, 3437, 3502, 3646, 3733, 3815, 3909, 4155, 4172, 4198, 4206, 4290, 4292, 4294, 4295, 4817, 5018, 5098, 5217, 5485, 5577, 5582, 5814, 5828, 5830, 5935, 5939, 5998, 6387, 6465, 6502, 6503, 6504, 6505, 6506, 6507, 6530, 6582, 6674, 6820, 6849, 7077, 7139, 7277, 7324, 7355, 7719
Concessions and licences 1217, 4075
Cone
anatomy, morphology 374
chemistry 385
collection 194, 5626, 5627 (*see also* Seed collection, extraction, sorting)
formation and development 986, 1026, 2921, 2959, 6066, 6745
injuries 6745
morphology 6066
pests 1265, 2919, 2946, 2949, 2965, 3085, 3749, 6061, 6241, 6932
production 1036, 1260, 1978, 2451, 2923, 2925, 2937, 2938, 3339, 6061, 6063 (*see also* Seed production)
quantitative measures 1978, 2932, 2960, 4021

Conferences, symposia
Abies grandis 3316
agrisilviculture 5171, 6413
aquaculture 3801
arboriculture 2174
biological production of forests and trees 12
breeding, tree 2, 131, 139, 149, 355, 437, 446, 678, 1019, 1037, 1518, 1903, 2997, 4443, 6831, 7514, 7527
canes and rattans 6632
climatology 5852
Cronartium fusiforme 6899
decay in wood 3045
deforestation 2623
development, forestry 2159, 3207, 3828, 3829, 5117
diseases, tree 38, 3025, 3688, 4464, 4553, 7597
documentation and information services 3968
ecology 3236, 3864, 6085
economics, forestry 4999
education and training 4902, 4919
energy resources 5412
ergonomics 3286
fertilizers 5412
fertilizers, application 3351, 3365, 3371, 6546
fire 893
fish 7024
fishing and fishery management 3799, 3801, 6355
forest administration and forest services 4999
forest biology 2919
forest genetics 5314
forest policy 2194, 5553
forestry and industry 4999
forest(ry) research 4999
forests and forestry 643, 1193, 1657
fungi 3718
grazing and pasture 3755, 4598
hydrology 6377
insect pests of trees 38, 2527, 3718, 4553, 7597
inventory, forest 5314
irrigation 3365
IUFRO 38, 278, 3182, 5523, 7514, 7527
labour, forest 5251
land use 572, 659, 2159, 3182, 3828, 3829, 5872, 5896
landscape 7732
logging 4999, 6728
management, forest 258, 659, 1866, 4999, 5314
mediterranean ecosystems 893
mensuration, forest 278
minor forest products 5402
mycorrhiza 3022
nature conservation and reserves 3858, 4932, 5412
nitrogen fixation 487
nursery management 1457, 1466, 2874, 2882, 7120
nutrition, plant 858
pathology, forest 1993, 2002, 2008
pesticides 2571
physiology 590
Picea abies 7514
Platanus 3227
pollution 3
poplar growing 7527
precipitation 3580, 7424
propagation 6540, 6541, 7120
protection, forest 6361
provenance studies 2, 131, 139, 149, 161, 183, 355, 678, 1680, 3316, 7514, 7527
recreation, forest 3841, 4932
roots 1457, 1466, 1474, 2864, 2867, 2874, 2882, 2890
seed 3340
silviculture 590, 1740, 3182, 4747, 4804, 4870, 5763, 7242
soil 5861, 5872, 5896
soil/plant relations 5935
surveys, forest 278, 315
synecology 1003, 6728
systems analysis and simulation 618
tropical forests and forestry 12, 3894, 5523, 6413
water relations of plants 5935
weed control 5699

Conferences, symposia *contd.*
wildlife 2581, 4523, 5412, 6728, 7024, 7664
wood anatomy 355, 2850, 6031
World Forestry Congress 2221, 4720, 4721, 4746, 4747, 4804, 4870, 4902, 4932, 4999, 5091, 5092, 5117, 5171, 5251, 5314, 5402, 5412
Congo
breeding, tree 686, 687, 5363
Eucalyptus spp. 5363
forests and forestry 653
plantations 5363
propagation 688, 5645, 7186
species trials 4846
Conservation, soil and water 323, 1598, 2131, 2668, 3523, 3808, 3813, 3816, 4422, 4641, 4643, 4644, 4663, 5113, 5897, 6389, 6426, 6427, 7688, 7715
Contour ridging, trenching and terracing 2668
Conversion, silvicultural 220, 4825 (*see also* Coppice, conversion)
Cooperatives 1659, 5125 (*see also* Management, forest, cooperative)
Coppice 4794, 4802
conversion 220, 728, 815, 2190, 2192, 2279, 4118, 5680, 7276
ecology 728, 2191
economics 725, 2190, 2191, 2192, 4061, 5680, 6689
increment and yield 814, 2191, 4123
intensive methods 7529, 7530
logging 2191, 2416
management 2190, 2192, 2279, 4060, 4118, 5345
production, biological 726, 728
silviculture 251, 2190, 2416, 4060, 4061, 4123
with standards 251, 815, 2279, 6689, 7276, 7278
Coppicing 704, 2345, 2693
Corsica, grazing and pasture 5243
Costa Rica
diseases, tree 45
economics, forestry 2797
Hypsipyla grandella 529
insects 50
management, forest 3203
national parks 7087
nature conservation and reserves 6433
regeneration, natural 1746
silviculture 529
succession 1746
vegetation types 1746
Costs and costing, general 1396, 4223
Cover crops 569
Credits and subsidies 663, 1207, 1227, 1639, 1659, 2662, 2663, 2664, 2665, 2666, 3273, 3275, 3945, 3951, 4672, 4735, 4737, 4739, 5065, 5067, 5157, 5317, 5318, 5319, 5320, 6499, 7371
Crocodiles 6326
Crown
dimensions 675, 2763, 2767, 4163, 4179, 4189, 6059, 6584
form and development 265, 295, 675
height 802
measurement 295, 790, 6638
relation to stem form and increment 802, 1806, 4179, 5748, 6584
weight 4189
Cruising (*see* Inventory, forest; Surveys, forest)
Crystals in wood 2861
Cuba
accidents 5282
breeding, tree 4843
catchment areas, management 5068, 5178
development, forestry 5135
education and training 5307
erosion 2145
forests and forestry 5044
labour, forest 5307
land use 1602, 7718
national parks 7718
nature conservation and reserves 7718
Pinus 4786
P. caribaea 3901, 4797
plantations 4786
seed production 4769, 5372
shelterbelts 5178

Cuba *contd.*
silviculture 5307
spacing 7170
Spodoptera sunia 6968
vegetation types 2217, 7359, 7718
Cultivation, soil 1773, 4086, 4833, 4838, 6600, 7293 (*see also* Ploughing; Soil water, effect of tillage)
Culverts 7680
Cutting (felling) (*see* Felling)
Cuttings (*see* Planting stock, vegetatively propagated; Propagation, vegetative)
Cyprus
book 1964
flora/check lists 1964
vegetation types 4421
Cytology 471, 2918 (*see also* Chromosome studies; Pollen, cytology)
book 476
Czechoslovakia
afforestation 3825, 3826
breeding, tree 1066
Coleoptera 7631, 7637
development, forestry 5077
documentation and information services 5026
economics, forestry 4220, 5077
Empoasca vitis 7609
environmental conservation 2167
fertilizers 3826
grazing and pasture 1507
hunting 4626
Ips typographus 6264
management, forest 4946, 6440
Neodiprion sertifer 2536
nursery management 4052
palaeoecology 1507
peatlands 3826
Picea abies 5356
planting stock 4052
provenance studies 4014, 7175
reclamation of degraded land 3825
recreation, forest 6440
research 666, 5026
seed production 2961
silviculture 2344
site preparation 3826
Staphylea pinnata 3643
surveys, forest 5336
vegetation types 4395, 4396
wildlife 4626
Damping-off 518, 1541, 2025, 3065, 3682
Dams (*see* Reservoirs, ponds and dams)
Data recording and processing 71, 114, 115, 116, 5936, 5937, 5938 (*see also* operation concerned e.g. Inventory, forest, data recording and processing)
Decay fungi
anatomy, morphology 4502, 7559
biology and physiology 1079, 2019, 2020, 2032, 2501, 2506, 2509, 6188, 6871, 6889, 7568
book 7557
culture collections 3035
ecology 482, 1078, 1079, 2020, 2032, 2506, 3044, 6165, 6166, 6872, 7557, 7558, 7559, 7572
identification 3697, 7557
interaction with fungi or bacteria 482, 1078, 1079
laboratory culture 6188, 7568
resistance to 393
study methods 1078, 1091, 2019, 2501, 2508, 7405
Decay in trees 3668, 6452 (*see also* Root and butt rots)
assessment 1075, 2502, 2504, 6187, 6890, 7570
control 767, 2018, 2029
detection 767, 1090, 3041, 5517, 6187
economics 1075
effect on pests 2079
resistance to 1075, 1487
review 2032
role of wounds 393, 767, 1487, 2029, 3667
study methods 2018
Decay in wood 3051
anatomical studies 3046, 3048, 3049, 3050
biological processes 3050
effect of soil 673
physical effects 674

Decay in wood *contd.*
resistance to 3046, 3047
Decayed wood, in nutrient cycle 2394, 2395
Decorative greenery, wreaths 864, 1343, 5403
Deer
biology 2114, 2115, 3786, 3791, 4627, 6000, 6308, 6325, 6337
damage by 1587, 4222, 5679, 5832, 6319, 6320, 6329, 6339, 6345, 7031
ecology, habitat 556, 1015, 1581, 2116, 3885, 3886, 4620, 4627, 5738, 6000, 6125, 6307, 6337, 6345, 6428, 6563, 7660, 7673, 7678
management 556, 1587, 3886, 4626, 5832, 6329, 6337, 6343, 6345, 6428
protection against 2105, 3409, 4619, 4626, 6307, 6320, 6345, 7031
study methods 2115, 6343
Defects in wood
checks, shakes, splits 1429, 7471
growth stresses 7471
resin pockets and streaks 1429
Deficiency, nutrient
B 403, 3352, 3356
Ca 1892, 3352, 4252, 4267
Cu 403, 1892, 3352
Fe 3352, 7417
K 874, 1423, 3352, 4267, 7417
Mg 1893, 2399, 3352, 4252, 4267, 7417
minor elements 869, 870, 983
Mn 7417
N 874, 1892, 3352, 3366, 3376, 3377, 3583, 4267, 7417
P 1892, 3352, 3356, 3583, 4267, 7417, 7420
S 983, 4267
Zn 403, 3352
Defoliation 389, 459, 605, 974, 1427, 1900, 2526
Deforestation 1398, 2617, 2619, 2622, 2623, 3153, 5142, 5143, 5417, 5476, 6086, 6087
Demonstration and instruction forests 4063
Dendrochronology 583, 888, 2459, 2643, 2644, 2645, 2646, 3173, 3174, 3860, 4716, 4717, 4718, 4719, 6032, 6034, 6457, 6459, 6460, 7098, 7099, 7338
review 6458
Dendrology (*see* Silvicultural characters of trees)
Dendrometers 789, 1804, 5022 (*see also* Diameter/girth, measurement; Height measurement; Mensuration, forest, instruments, multi-purpose; Relascopes)
Denmark
birds 6327
breeding, tree 2683, 4440
economics, forestry 4219
Epinotia tedella 6947
fertilizers 3368
land use 6096
machines, tools, equipment 3430, 5758
nature conservation and reserves 6424
nursery management 3367, 3368, 4440
planting stock 1473
propagation 2683, 4440, 5638
provenance studies 179
resources, forest 1646
surveys, forest 1646
thinning 3430, 4103, 5758
vegetation types 6110
wildlife 4609
Density of stands (*see* Stand characteristics, density)
Density of wood
genetics/breeding 6522, 7513
measurement 2336, 3908, 4435, 7513
relation to other wood properties 4439
relation to site and stand characteristics 673, 4284, 6748
relation to tree characteristics 673, 1427
variation 1533, 3908, 4435, 6522, 6748
Developing countries
accidents 5278
agrisilviculture 5211
associations, societies 4734
bibliography 6409
communal forest(ry) 5127
cooperatives 5125
development, forestry 3207, 4733, 5127, 5315
Developing countries *contd.*
economics, forestry 5074
education and training 4903, 4905, 4906, 4921
energy resources 1677, 3214
forest ownership 5125
forest policy 1199, 5074
forests and forestry 1199, 3913
fuel plantations 3914
labour 3914
labour, forest 1672, 5254, 5266, 5278
land use 1199, 1601, 3895, 6409
machines, tools, equipment 1788
management, forest 1199, 4943, 5087
research 3226
silviculture 5254, 5266
surveys, forest 3895
thinning 1788, 5284
trees and shrubs for 4882
wildlife 5216
Development, forestry 94, 652, 1193, 1202, 1212, 1221, 1637, 1644, 1648, 1681, 2159, 2190, 2191, 2192, 2206, 2213, 2214, 2215, 2655, 2668, 3207, 3208, 3209, 3210, 3211, 3212, 3213, 3216, 3218, 3219, 3221, 3222, 3223, 3224, 3244, 3245, 3257, 3260, 3261, 3262, 3265, 3828, 3829, 3934, 3938, 3946, 3956, 4733, 4735, 4737, 4738, 4739, 4755, 5006, 5035, 5046, 5048, 5050, 5053, 5060, 5061, 5062, 5076, 5077, 5078, 5084, 5094, 5103, 5109, 5117, 5118, 5119, 5120, 5122, 5123, 5124, 5127, 5129, 5130, 5131, 5132, 5134, 5135, 5136, 5137, 5138, 5139, 5141, 5142, 5143, 5144, 5149, 5151, 5154, 5156, 5158, 5159, 5161, 5163, 5164, 5165, 5166, 5167, 5170, 5257, 5262, 5263, 5315, 5318, 5320, 5376, 5504, 5521, 5525, 5536, 5537, 5541, 5542, 5548, 5549, 6481, 6485, 7063, 7064, 7065, 7066, 7078, 7148, 7149, 7152
book 5567
review 3928
Diameter/girth
equations 1356, 1358, 1811, 5796
means and distributions 275, 1356, 1366, 1369, 7318
measurement 811, 1358, 1366, 1369, 1798, 1805, 2334, 4156, 4201
relation to other parameters 276, 294, 1356, 1358, 1366, 2320, 3515, 5815
relation to site and stand characteristics 275
relation to tree characteristics 275
seedlings/young growth 7319
variation 1805, 6759
variation with season 3515
Dictionaries (*see* Glossaries, dictionaries)
Dieback 505, 1098, 7649
Discoloration in wood 1928, 2029, 3038, 6033
Diseases, occupational (*see* Health and hygiene)
Diseases of trees, general 6164, 6884, 6887
book 6870
control 1135, 1994, 2490, 3031, 3066
detection 2448, 7487
forecasting 2554, 3556
legislation 3066
predisposing factors 3556
resistance to 2847
review 6882
surveys 773
symptoms 2447, 2916, 6780
Disorders, complex or unidentified 402, 403, 982, 2013, 2917, 4340, 4341, 7488, 7489
Distribution (natural range) 331, 369, 370, 406, 407, 411, 421, 426, 427, 428, 429, 946, 1002, 1129, 1508, 1509, 1511, 1608, 1938, 1958, 1965, 1970, 2217, 2428, 2456, 2979, 3231, 3317, 3639, 3641, 3642, 3643, 4124, 4259, 4345, 4376, 4377, 4378, 4379, 4381, 4387, 4444, 4772, 6005, 6006, 6007, 6008, 6009, 6010, 6011, 6012, 6013, 6014, 6015, 6016, 6017, 6080, 6098, 6168, 6803, 6813, 6862, 7269, 7274, 7446, 7469
Ditches, ditchers 3419, 3422, 4087, 5693, 6580
Documentation and information services 104, 520, 917, 1233, 2223, 2366, 3968, 3969, 3970, 3971, 3972, 3973, 3974, 3975, 3976, 3977, 3978, 3979, 3980, 3984, 3985, 3986, 3987, 3988, 3991, 5024, 5025, 5026, 5027, 5028, 5029, 5096, 5572, 6403, 6404, 6405, 6406, 6407, 6502, 6503, 6504, 6505, 6506, 6507
Dormancy 7485 (*see also* Seed, dormancy and longevity)
buds 388, 389, 1945
Drainage, land 2775, 3522, 6574
biological 6580
economics 226
effects 185, 203, 226, 344, 844, 854, 3405, 3418, 3419, 3420, 3421, 3481, 4042, 4087, 4088, 4718, 5693, 6382, 6602, 7222
machines, tools, equipment 3422
Drought 244
Drought injury 840, 981, 982, 1884, 2806, 2917, 4173, 4232, 4237, 4479, 6058, 6724
Drought resistance 244, 1030, 1423, 1884, 3318, 4437, 5931, 5957, 6535, 6711, 7408, 7409, 7463
Dunes (*see* Afforestation, sand dunes; Sand dunes)
Dwarf trees 1436
Dyestuffs 588
Early and late wood 356, 836, 1427, 1439, 2854, 7442
Earthworms 1583, 3555, 5909, 5923, 5924
Ecology, animal, bibliography 3178
Ecology, forest and forestry, general 1631, 3187, 3236, 3864, 4873, 5573, 6085, 6476, 6501, 6805, 7110, 7141, 7309, 7379
bibliography 3179
book 2984, 3640, 4373, 5851, 7101
periodicals and serials 2182
Ecology, plant 6125, 7505
study methods 6803
Economics, forestry 1399, 4999, 7309, 7369
book 2218
combinations with agriculture 2374, 4676, 4677
combinations with industry 326, 644, 657, 830, 1402, 1650, 2797, 5140
comparability of enterprises 325, 6694
costs and returns 324, 830, 832, 1397, 1398, 1404, 1407, 1408, 1409, 1645, 1875, 1876, 1877, 1878, 2161, 2165, 2374, 2620, 2797, 3276, 3277, 3475, 3500, 3512, 3815, 3914, 3920, 4212, 4213, 4214, 4216, 4217, 4218, 4219, 4220, 4221, 4223, 4672, 4676, 4677, 4790, 5054, 5058, 5063, 5420, 5432, 5441, 5535, 5764, 5840, 5845, 5846, 5847, 6475, 6499, 6517, 6670, 6688, 6689, 6691, 6692, 7031, 7058, 7082, 7354, 7370, 7372, 7722
data recording and processing 1676
forecasts 1198, 4213, 4218, 6488, 6492, 6691, 6692
inflation effects 1239
interrelations with other economic sectors 1239, 5038, 5101, 5146
management aspects 326, 1397, 1406, 1875, 1880, 2414, 4229, 5082, 5432, 5528, 5846, 6495, 7110
multiple use 2414, 2620, 3914, 4672, 4673, 4963, 4969, 5071, 5072, 5073, 5420, 5423, 7082
political aspects 1239, 1406, 1877, 4735, 4737, 4738, 5074, 5140
private forests 2218, 3920, 4673, 4676, 5553, 5845, 5846, 6687, 6688, 7372
public vs. private 1645, 6475
recreation, forest 1877
scale of enterprise 3510, 6695
silvicultural aspects 830, 3684, 4220
social aspects 1239, 1407, 2203, 2620, 3466, 4219, 4220, 4672, 4703, 4726, 4736, 4739, 5073, 5106, 5111, 5146, 6475, 6488, 6499
systems analysis and simulation 1239, 1397, 1400, 1878, 2203, 2620, 2797, 4218, 5843, 5846, 7373
theory 274, 830, 831, 1397, 1400, 1407, 1408, 1409, 1645, 2165, 3512, 5056, 5843, 5844, 7110
vs. agriculture 2161, 4726, 5265

Ecuador
afforestation 2732
choice of species 2732
education and training 7163
flora/check lists 6795
legislation 1225
national parks 7087
pollution, general 1225
trees and shrubs for 2732
Edible plants 2760, 3463, 3466, 5223, 5228, 5238, 5247 (*see also* Fruit, edible; Fruit trees; Fungi, edible; Nuts and nut crops)
Education and training 105, 107, 108, 299, 667, 1229, 1230, 1232, 1291, 1401, 1633, 1665, 2224, 2671, 2677, 2679, 2747, 3197, 3224, 3278, 3279, 3280, 3286, 3294, 3296, 3297, 3828, 3942, 3989, 3990, 4902, 4903, 4904, 4905, 4906, 4907, 4908, 4909, 4910, 4911, 4912, 4913, 4914, 4915, 4916, 4917, 4918, 4919, 4920, 4921, 4922, 4923, 4924, 4925, 4926, 4927, 4928, 4929, 4930, 4931, 4972, 5288, 5289, 5291, 5292, 5293, 5296, 5298, 5304, 5306, 5307, 5311, 5553, 5573, 5574, 5576, 5578, 5579, 5580, 5581, 5582, 5583, 5588, 5745, 5995, 6496, 6500, 6501, 6510, 7161, 7162, 7163 (*see also* Country concerned)
book 1664
Effluents, industrial 3577, 6738, 6739
Egypt
afforestation 6527
breeding, tree 6832
choice of species 6526
ornamental trees and shrubs 6527
propagation 2254
shelterbelts 6526, 6832
trees and shrubs for 6526
El Salvador
diseases, tree 54
insects 44
maps, forest 1973
pests, general 54
vegetation types 1973
Electrical phenomena in trees 342, 977, 1948, 3595, 4326, 4338, 6055, 6903
Elephants 1605
Elk (moose, *Alces*) 383, 553, 1586, 2116, 4612, 4623, 6093, 6337, 6340, 6341, 7038, 7660, 7676, 7677, 7679
Elk (wapiti, *Cervus*) 2364, 6337, 7663, 7664, 7665, 7666, 7668, 7669, 7670, 7671, 7672
Embryo culture 708, 3613, 7482
Energy relations, plant/environment 835, 883, 1197, 1210, 1675, 2232, 3302, 5935, 5941, 5942, 5943, 5946, 5949, 5950, 5953, 6052, 6777
Energy resources 726, 1198, 1210, 1241, 1677, 2208, 2232, 2233, 2235, 2236, 2237, 2617, 2680, 3214, 3215, 3302, 3897, 3926, 3994, 3995, 5412, 5506, 5507, 5529, 5595, 6408, 6514, 6516
book 3300
Enrichment (*see* Improvement planting)
Entomology 23, 61, 3726, 3992
Enumeration surveys (*see* Inventory, forest)
Environmental conservation, general 1222, 1609, 1661, 1662, 2167, 2212, 2624, 3184, 3915, 3957, 4691, 4693, 4694, 4697, 4699, 4990, 5072, 5302, 5413, 5417, 5443, 5518, 5574, 6094, 6429, 6571, 7079, 7084, 7085, 7086, 7681, 7726, 7745
book 4692, 6430
directories 7714
Enzymes and enzyme activity
in bacteria 492
in plants 400, 492, 879, 970, 1058, 2910, 3062, 3617, 4517, 5976, 6863, 7021, 7507
in soil 3554, 6709, 7386, 7487
Epicormics 2427, 3439, 6583
Epidermal structures, plant 2979
Epiphytes 6211, 7499
Erosion 1972, 5898, 5899, 5900, 5918, 6388, 6730, 7696, 7697 (*see also* Logging, erosion effects; Roads, erosion effects; Streams, erosion and deposition)
control by herbaceous cover 2263, 6309, 7026
Erosion *contd.*
control by woody species 575, 1456, 1936, 2144, 2145, 2146, 2149, 2752, 3526, 3816, 3817, 3821, 4601, 4643, 4801, 5100, 5886, 6090, 6309, 6364, 7055, 7698, 7699, 7707
control measures, general 1157, 1598, 2606, 2607, 2608, 2737, 3814, 3815, 4227, 4651, 4652, 5242, 7055, 7695, 7699, 7700
water 1157, 2144, 2145, 2605, 3194, 3810, 3812, 3816, 3821, 4654, 5242, 5892, 7691, 7698, 7699, 7700
wind 2263, 2606, 2607, 3817, 3821
Erosion danger, assessment 4653
Ethiopia
associations, societies 5131, 5132
choice of species 3998
development, forestry 2159, 5131, 5132
land use 2159
trees and shrubs for 3998
Europe
biological control 4591
book 74, 4520, 4573
climate 3517
development, forestry 4755
diseases, tree 2032, 3053, 3068, 3699, 4520
fishing and fishery management 6089
forest industry 5316
forest policy 1204
forests and forestry 585, 1204
fungi 7559
insects 4573, 4591
management, forest 4998
nature conservation and reserves 4685
planting stock 114, 115, 116
pollution, general 6089
Populus 116
private forest(ry) 1204
propagation 114, 115
provenance studies 116
recreation, forest 3166, 5474, 5482
remote sensing 825
resources, forest 1204
seed trade 114, 115
silviculture 4755
statistics, forest 74
vegetation types 4411
wildlife 4962, 4963
Europe, central
book 3071
Carabidae 3071
fertilizers 3372
plantations 3885
provenance studies 5611, 7515
trees and shrubs for 3996
vegetation 998
vegetation types 3647
wildlife 3885
Europe, eastern, provenance studies 7515
Europe, northern
climate 5813
drainage, land 3868
productivity, forest 5813
site preparation 3868
Europe, western
conferences, symposia 1466
insects 6230
nursery management 1466
European Economic Community 1207, 2211, 3699
Evaporation, measurement 3907
Evapotranspiration 329, 2403, 3880, 4794, 5933, 5941, 5943, 5945, 5947, 5952, 5953, 6380, 7388
measurement 5937, 7683
Evolution 7629
Excentricity, stem, *see* Stem form, excentricity
Exotics 1334
Experimental design 3241
Extension services 4909, 4916, 4923, 4924, 7157
Exudation and excretion, plant (*see also* Resins; Roots, exudation and excretion)
Falkland Islands, vegetation types 4420
FAO 4722, 4745
Farm woodlands 1603, 1853, 2200, 2621, 3152, 3217, 3833, 4676, 4677, 4678, 4679, 5102, 5189, 5235, 5256, 5538, 6419, 6420, 6673, 7083
Felling
economics 2796
jacks, wedges 3298
machines, tools, equipment 779, 1337
power saws 748
work studies 3298
Fellings, types of (*see* Silvicultural systems and types of felling)
Fences 741, 2105, 3125, 3442, 4604, 6320, 6323
Ferns 1725
Fertilization (in plant reproduction) (*see* Pollination, fertilization, (in)compatibility)
Fertilizers 4851
animal products 872, 3572, 5502
ash 456, 6574
basic slag 2260
Ca 2389, 3371, 3372, 3373, 3374, 3572, 4247, 5665, 6545, 6587
calcium ammonium nitrate 207, 209, 2023, 3376, 5652, 6395
CaP 225
Cu 4852
effect on soil 6569
industrial and town waste 4807, 5500, 6546, 6547, 6549, 6556, 6557, 6559
inorganic, general 1719, 4044
K 5654
KCa 2701
KMg 3544, 5657, 5661
Mg 2399
minor elements 1298, 4335, 5659, 6573
N 488, 710, 716, 1279, 2023, 2256, 3360, 3376, 3383, 3455, 4265, 4269, 4270, 5695, 5883
N, general 1067, 6354, 6545, 7342
N, inorganic 2388, 6575
N, urea and organic 483, 713, 1274, 1723, 2270, 2324, 2699, 2704, 2829, 3192, 3339, 3353, 3362, 3364, 3385, 3887, 4247, 4335, 5652, 5654, 5665, 5782, 5865, 5895, 5928, 6617, 7285
NK 2270, 5664, 5980
NKMg 7189
NP 711, 1721, 2398, 2698, 2706, 3375, 3416, 3434, 3676, 3824, 4606, 5659, 5662, 5663, 6397, 7192, 7208, 7224
NPB 3356
NPCa 2396, 5653, 6543
NPK 198, 203, 206, 207, 208, 209, 210, 211, 257, 378, 528, 676, 714, 715, 1273, 1718, 1729, 1769, 2257, 2259, 2260, 2595, 2695, 2697, 2703, 2750, 2775, 3377, 3380, 3381, 3382, 3387, 3443, 3461, 3560, 3826, 3887, 4040, 4042, 4043, 4048, 4049, 4853, 4854, 5771, 6019, 6544, 6545, 6602, 6617, 7194, 7195, 7259, 7281, 7285, 7299
NPKCa 3384, 4041, 4852, 4855, 5655, 6573, 7193, 7261, 7418, 7419
NPKCaMg 2702, 4252
NPKCaMgS 2700, 3354
NPKMg 1720, 2267, 4045, 6572
NPKMgB 3353, 4111
NPKMgCa 7191
NPKMgCuB 3357
NPMg 7257
NPS 3363
organic substances (*see also* Composts)
P 1722, 2255, 2696, 3358, 3390, 4044, 7190, 7420
PCa 3386
PK 334, 3379
PKCa 2262
sewage 207, 569, 3192, 4670, 4807, 5412, 5497, 5498, 5499, 5500, 5501, 5502, 5505, 5884, 6546, 6547, 6549, 6554, 6556, 6557, 6559, 6566, 6567, 6568, 6569, 6570, 6571, 7223
slow/rapid release types 596, 597, 2258, 2270, 2706, 3364, 4048, 5658
Zn 2255
Fertilizers, application 3879, 7196
aerial 204, 712, 713, 1723, 2256, 2696, 2704, 2829, 3362, 3388, 3389
assessment of need for 334, 867, 869, 870, 1298, 2697, 3354, 3356, 3357, 3359, 3544, 4814, 5660, 7188, 7190
book 205

Fertilizers, application *contd.*
combined with other treatments 225, 2260, 2388, 2389, 2698, 2700, 2703, 2750, 2933, 3192, 3360, 3363, 3368, 3369, 3370, 3375, 3382, 3434, 3455, 3572, 4041, 4048, 4833, 5655, 5662, 5663, 5695, 5704, 5768, 6395, 7135, 7259, 7285
conferences, symposia 3351, 3365, 3371, 6546
during or before establishment 676, 1720, 2255, 2695, 3416, 4048, 4833, 5500, 5658, 6587
economics 207, 712, 715, 718, 1753, 3356, 3363, 3379, 3380, 5656, 5895, 6546, 6566, 6572, 7195
effect on abiotic injuries 4045
effect on bark 208
effect on disease 2262, 4247, 5883
effect on flowering and seeding 2700, 2931, 2933, 2937, 2938, 3339, 6019, 7261, 7299
effect on foliage 203, 208, 209, 569, 710, 868, 1273, 2023, 2324, 2700, 3364, 3386, 4247, 4854, 7464
effect on form 1722, 2700, 3386, 3455, 5659, 6544
effect on hardiness 4111, 5771
effect on mycorrhiza 483, 2023, 3676
effect on pests 198, 528, 1555, 5663
effect on resin 3461, 5664
effect on roots 872, 1273, 1718, 3560, 5655, 7464
effect on soil organisms 1274, 2023, 3372, 5652, 5653, 5661, 5928, 6574
effect on stand composition 206
effect on water composition 2595, 2600, 2704, 2829, 3362, 3374, 6549, 6557, 6572
effect on wood 207, 2259, 2262, 3380, 5664
foliar 2255
form and methods 198, 203, 204, 207, 211, 225, 257, 483, 569, 676, 711, 712, 713, 714, 715, 716, 718, 1274, 1719, 1721, 1729, 1753, 2023, 2255, 2256, 2257, 2258, 2259, 2261, 2263, 2267, 2270, 2389, 2696, 2701, 2704, 2706, 2829, 3353, 3354, 3356, 3357, 3358, 3361, 3362, 3363, 3364, 3375, 3376, 3378, 3380, 3381, 3382, 3384, 3385, 3386, 3387, 3388, 3390, 3397, 3416, 3461, 3824, 3826, 3887, 4041, 4043, 4044, 4045, 4048, 4049, 4111, 4269, 4270, 5654, 5655, 5656, 5659, 5660, 5662, 5663, 5664, 5665, 5771, 5865, 5928, 6019, 6395, 6543, 6545, 6546, 6557, 6566, 6572, 6617, 7192, 7193, 7194, 7224, 7281, 7285, 7418, 7419, 7420
genetic aspects 1067
leaching, volatilization 2702, 4041
nurseries and nursery stock 334, 596, 597, 1279, 1729, 1731, 2258, 2263, 2266, 2267, 2270, 2697, 2706, 2715, 2716, 3353, 3354, 3368, 3369, 3370, 3391, 3392, 3393, 3397, 4049, 4335, 4855, 5323, 5894, 6575, 7180, 7208, 7282
nutritional physiology 203, 206, 208, 209, 210, 378, 528, 569, 710, 865, 867, 868, 869, 870, 1723, 2023, 2324, 2388, 2389, 2398, 2399, 2701, 3357, 3358, 3369, 3377, 3381, 3385, 3390, 3560, 3572, 4040, 4252, 4265, 4269, 4270, 5652, 5653, 5661, 5704, 5782, 5883, 6547, 6554, 7224, 7418, 7419
persistence 210, 1719, 2595, 2699, 3356, 7195
relation to soil 206, 207, 335, 569, 715, 866, 1719, 1720, 1753, 2258, 2388, 2396, 2701, 2702, 2703, 2775, 3357, 3371, 3372, 3374, 3376, 3377, 3379, 3383, 3389, 3544, 3560, 3572, 4042, 4275, 4660, 4670, 4852, 5654, 5657, 5662, 5664, 5865, 6395, 6567, 6573, 6574, 7190, 7191
study methods 211, 1272, 3361
systems analysis and simulation 3544, 6566, 7188
to established stands 257, 1272, 2257, 5497, 7342
toxic effects 1279, 3391
work studies 718

Fiji
book 414
breeding, tree 187, 6141, 6833
development, forestry 3210
diseases, tree 4515
economics, forestry 3511
flora/check lists 414
grazing and pasture 4935
insects 2084
nursery management 2872
plantations 3511
provenance studies 131, 187

Financing 1847, 4223
investment policy 1397, 1408, 2215, 4738, 4790, 5054, 5063, 5169, 5314, 5317, 5318, 5319, 5320, 6499, 7157, 7158, 7370, 7372
methods of financing 1876, 4735, 7371
standard 7370

Finland
associations, societies 1925, 1926
Betula pendula carelica 1925, 1929
biological control 2503, 3711
birds 2588
breeding, tree 1052, 1517, 2483
browse 383
dendrochronology 888
development, forestry 94, 4738, 5262, 5536
diseases, tree 403, 509, 2503, 3711
drainage, land 6602
economics, forestry 1876, 4738
energy resources 5507
fertilizers 204, 209, 210, 225, 869, 3388, 3389, 4042, 6602, 7193
fires, forest 888
forest ownership 2225, 5536
forest site classification 4177
forests and forestry 94, 6477
fungi 5227
history, forest(ry) 645, 5262
labour, forest 1236, 1668, 1670, 2674, 3285, 5262
land use 1154
logging 1894, 2225
machines, tools, equipment 1670, 1735, 1787, 4125
management, forest 645
measurement systems, units 789
nature conservation and reserves 888
nematodes 546
nursery management 546, 1467, 1735, 3393, 5741
peatlands 3389, 4042
planting stock 225
pollution, air 353
pollution, water 1901
private forest(ry) 2225
productivity, forest 347, 7326
propagation 5636
provenance studies 353, 7520
recreation, forest 876, 1177, 2170
research 103, 645
silviculture 217
site preparation 225
site types 4122
soil types 209
statistics, forest 5331
surveys, forest 312
thinning 1787, 3438, 5286
vegetation types 210, 876, 4177
weed control 1758, 2298, 5741
wildlife 383, 1117, 1588, 3791, 4609
work studies 1787, 3285

Fire control, general 101, 893, 926, 930, 931, 934, 1660, 4291 (*see also* Burning, controlled)
communications 5993
economics 910, 1913, 4299, 4300, 4304, 5999, 7440
machines, tools, equipment 750, 912
planning, organization 892, 913, 916, 924, 945, 948, 950, 951, 1910, 2424, 3940, 4043, 4296, 4666, 4881, 4885, 5110, 5571, 5992, 5993, 5997, 7434, 7438, 7440
systems analysis and simulation 945, 1921, 4290, 4293, 4295, 4296, 4304, 5998, 7435

Fire danger 893
assessment 5345, 5996

Fire danger *contd.*
fuel studies 891, 895, 911, 931, 942, 945, 1432, 1911, 1912, 1913, 1915, 1916, 1917, 1918, 1919, 1920, 1922, 1923, 2424, 2840, 2842, 5992, 5993, 5994, 5997, 7435
meteorological and seasonal factors 890, 894, 906, 1881, 1914, 2422, 5993, 5994, 5995, 5996, 6754, 6755, 7436

Fire detection and reporting 4297, 5993, 7437

Fire effects 930, 5993
consequential injuries 900, 2287
damage 2421, 3595, 4888, 5504
ecological 893, 896, 908, 913, 914, 915, 919, 922, 925, 927, 928, 929, 934, 935, 936, 938, 944, 946, 947, 949, 952, 953, 1140, 1586, 1770, 1908, 2426, 2427, 3535, 4301, 4302, 4888, 4897, 4899, 5682, 6000, 6001, 6119, 6330, 6750, 6751, 6756, 6757, 7441, 7443 (*see also* Succession, relation to fire; Synecology, composition of plant communities in relation to, fire; Wildlife, effect of fire)
economic evaluation 2421
on nutrient cycle 566, 903, 918, 4303
on soil 898, 901, 902, 915, 935, 954, 4301, 5897, 6002
on water composition 566
resistance to 947, 7442
review 4301, 4302
stand structure 1354

Fire prevention 101, 893, 912, 928, 941, 1228, 4304, 4881, 4885, 5110, 5114

Fire suppression 5993, 5999
aerial 4898, 7440
chemicals, retardants 2843, 5114, 7439
counter-firing 4892
equipment, ground 4298
organization 7440
water supply 4298

Firebreaks 3593, 4043, 4296, 4300, 5993, 6606

Fires, forest 893, 928, 2423, 4288, 4899
behaviour 363, 364, 891, 932, 1431, 1910, 1911, 1914, 3591, 3592, 4290, 5993
book 5993
causes 2421, 2425, 2841, 6752, 6755, 7434
data recording and processing 364, 890, 932, 4292
descriptions of particular fires 889
ground fires 363, 1910
history and prehistory 365, 888, 933, 1770, 5993, 6751, 6754
human safety in 5272
recording and mapping 2421
regulations 1228, 1660
research 953
smoke studies 7433
statistics 1924, 2841, 6752, 7434, 7438
systems analysis and simulation 891, 1914, 3592, 3594, 4289, 4290

Fish
bibliography 3132, 3803
biology and ecology 558, 560, 1589, 1595, 2131, 2134, 2384, 2598, 2628, 3132, 3133, 3134, 3239, 3577, 3642, 3755, 3797, 3799, 3802, 3804, 4629, 4634, 6357, 6358, 6360, 6372, 7024, 7040
effect of pesticides 3110, 3120, 4596, 4597
genetics/breeding 3801, 3805
nutrition 4634
reproduction 7039
study methods 557, 559, 2136
taxonomy 2968, 7040

Fishing and fishery management 37, 6388, 6821
bibliography 3800, 7041
book 6355
commercial 1589, 1594, 3132, 3798, 3799, 3801, 4634, 5224, 6356
conferences, symposia 3799
equipment and methods 1590, 1591, 1592, 2129, 2133, 3798, 7680
lakes/reservoirs 1594, 2130, 2135, 2138, 2139, 2384, 2595, 2598, 3120, 6372, 6727

Fishing and fishery management *contd.*
recreational 1593, 1594, 2138, 3132, 3798, 3799, 3801, 3892, 5219, 6356
rivers/streams 559, 560, 1589, 2129, 2133, 2136, 2140, 2143, 2384, 2594, 2595, 2596, 2597, 3756, 3797, 3801, 4629, 6089, 6095, 6357, 6358, 6359, 6372, 6373, 7043, 7044, 7045, 7046, 7047, 7048, 7049, 7680
systems analysis and simulation 1594, 6357, 6358
Flood control 7694 (*see also* Torrent training)
Flood-plain forests and forestry 4643, 6713, 7215
Flooding 595, 3666, 7484
Flora/check lists 370, 413, 414, 416, 417, 992, 993, 995, 996, 1503, 1504, 1505, 1506, 1962, 1964, 1965, 1966, 1967, 2110, 2454, 2455, 2456, 2457, 2974, 3631, 3632, 4362, 4363, 4364, 4365, 4366, 4367, 4368, 4715, 4813, 5453, 5465, 6080, 6081, 6082, 6083, 6084, 6104, 6795, 6798, 6799, 6800, 7493, 7494, 7495, 7496, 7497, 7498
book 997, 2458, 6793
Flowering 2919, 2920, 2924, 2929, 2930
age, season, periodicity 368, 699, 959, 1021, 1029, 1440, 2957, 3515, 4312, 6025, 6064, 7243, 7468
assessment and forecasting 1490, 2927
induction 1029, 1033, 1035, 1036, 1517, 2926, 2931, 4333, 4336, 4450, 6060, 6062, 6783, 7516
physiology 1031, 2450, 4336
Flowers 159, 2436, 4813
abnormal 517
anatomy, morphology 2452, 2487, 4445, 6120, 6784
formation and development 2928, 3620, 4446, 4449
pests and diseases 517, 4449, 6931
quantitative measures 7490
Fodder 488, 6628
from foliage, fruits 1623, 1793, 2322, 2323, 2325, 3462, 3941, 4321, 4679, 5237
from wood etc. 4628
Foliage (*see also* Leaf)
analysis 1194, 1900
area 328
book 2321
chemistry 70, 174, 208, 346, 350, 378, 381, 383, 384, 403, 472, 868, 873, 874, 878, 881, 963, 1025, 1057, 1194, 1421, 1426, 1483, 1484, 1941, 2242, 2322, 2324, 2398, 2404, 2440, 2441, 2827, 2834, 2898, 2900, 2901, 3383, 3562, 3564, 3572, 3573, 3574, 3576, 3581, 3603, 3606, 3607, 4252, 4318, 4320, 4321, 4325, 4330, 4539, 4854, 5980, 6045, 6049, 6182, 6325, 6717, 6769, 6770, 6771, 6772, 6773, 7005, 7479, 7646 (*see also* Nutrition, plant)
diseases and disorders 66, 69, 514, 517, 980, 981, 1028, 1105, 1535, 2055, 2056, 2057, 2498, 2518, 2519, 2520, 3059, 3060, 3061, 3705, 3707, 3715, 4247, 4487, 4488, 4491, 4513, 4515, 4893, 6158, 6201, 6204, 6207, 6905, 6906, 6907, 6908, 6911, 6921, 7590, 7591
fire relations 1912
injuries 604, 881, 1883, 1900, 2413, 3028, 3061, 3581, 4469, 4470, 4494, 5977, 7322
light relations 3573
microflora 481, 6873
pests 4448, 7003, 7004, 7005, 7006, 7646
physical properties 883
processing 788
quantitative measures 796, 975, 1355, 2324, 5799, 7322
relation to increment and biomass 1355, 1359
uses and products 788, 1342, 1623, 1793, 1794, 2321, 2322, 2325, 3462, 3463, 4150, 4321, 4679, 5786, 5802, 6625, 6629 (*see also* Decorative greenery, wreaths; Fodder, from foliage, fruits)
water relations 981
Forest, indirect values of 1407, 6671 (*see also* Amenity value of forests; Recreation, forest)
Forest administration and forest services 91, 92, 647, 649, 655, 833, 916, 1387, 1410, 1644, 1663, 1667, 2205, 2207, 2358, 2359, 2361, 2375, 2376, 2377, 2798, 3276, 3277, 3282, 3847, 3935, 3938, 3958, 4216, 4217, 4224, 4225, 4226, 4227, 4730, 4745, 4896, 4999, 5041, 5070, 5080, 5081, 5082, 5126, 5130, 5133, 5162, 5255, 5303, 5325, 5519, 5532, 5539, 6493, 6498, 6513, 6686, 7725
Forest industry 1850, 4999
combinations with forestry 657, 830, 5060, 5376, 5385
economics 830, 5316
social aspects 6491
statistics 7142
wood supply and demand 4754, 5559, 6491
Forest influences (on)
air composition 4286, 4987, 5430, 5435, 5488, 5489, 5492, 6723, 7375
air movement (*see also* Wind, effect of shelterbelts)
climate 3590, 5442, 5488, 5489, 5492
erosion 7683
fauna and flora 10, 642, 1908, 5889
hydrological factors 10, 1149, 2601, 3589, 3801, 3806, 4630, 4649, 4663, 4987, 5422, 5442, 6382, 6730, 7053, 7109, 7351, 7683, 7689
microclimate 1909, 2420, 4663, 5021, 7689
noise 5488, 5489, 5492, 5494 (*see also* Noise and its control)
soil 915, 2420, 3525, 3589, 3882, 4663, 4987, 5442, 5889, 5921, 7392
water composition 3, 7, 9, 10, 11, 562, 563, 1596, 2594, 3135, 3567, 3806, 4988, 6383, 7682
water quality 1149
Forest ownership 2189, 2658, 3921, 5125, 5128, 5427, 5491, 5519, 5532, 5536, 5553, 5555, 5558, 5563, 5565, 5680, 5849, 6450, 7146, 7713
Forest parks (*see* Amenity forests, parks)
Forest policy 79, 100, 650, 652, 655, 1193, 1199, 1204, 1205, 1206, 1208, 1210, 1218, 1239, 1640, 1663, 1867, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2206, 2208, 2211, 2222, 2667, 3258, 3260, 3344, 3501, 3863, 3911, 3924, 3926, 3931, 3939, 3946, 3995, 4673, 4729, 4745, 4872, 5036, 5037, 5055, 5058, 5074, 5079, 5140, 5152, 5298, 5418, 5521, 5530, 5531, 5534, 5535, 5553, 5560, 5562, 5564, 5566, 5846, 6472, 6475, 6517, 7063, 7066, 7067, 7079, 7084, 7145, 7720 (*see also* Development, forestry)
book 2661
Forest statistics (*see* Statistics, forest)
Forest types (*see* Vegetation types)
Forestry 4723
bibliography 6508
environmental aspects 6471, 7077
general textbooks and handbooks 3176, 6508, 7309
Forests and forestry, general 1, 75, 79, 80, 83, 87, 97, 99, 110, 573, 586, 639, 652, 653, 1198, 1201, 1209, 1214, 1327, 1637, 1642, 1828, 1834, 2221, 3865, 3918, 3925, 4722, 4725, 4748, 4750, 4754, 4805, 4806, 4810, 4825, 5039, 5042, 5044, 5045, 5168, 5524, 7147
America, South 3270
bibliography 3927
book 98, 1200, 6483
Canada 5562
Canada, Quebec 6489
China 5539
Colombia 3944, 3955
Mexico 5551
Nepal 5542, 6485
New Hebrides 2670
Papua New Guinea 3271
Forests and forestry, general *contd.*
social aspects 77, 78, 84, 86, 88, 113, 643, 1199, 1204, 1639, 1643, 1644, 1841, 1842, 1843, 2203, 2209, 2425, 2653, 2662, 2986, 3206, 3242, 3261, 3281, 3283, 3297, 3414, 3828, 3911, 3913, 3962, 4673, 4714, 4726, 4727, 4728, 4736, 4739, 4878, 4940, 5084, 5118, 5122, 5135, 5139, 5141, 5142, 5143, 5146, 5147, 5148, 5149, 5154, 5519, 5527, 5535, 5566, 5568, 5596, 6472, 6478, 7081, 7141, 7151
Solomon Islands 2670
Form factors 3472, 4858, 6642, 7343 (*see also* Stem form, taper)
Foxes 2107, 6331
Foxtailing 470
France
accidents 2679
afforestation 4659
antibiotics 4318
arboreta 2969, 2970
birds 2282, 7112
breeding, tree 466, 6134, 7173, 7279, 7518, 7534
Collembola 7105
communal forest(ry) 5153
coppice 251, 2279, 7276, 7278
deer 7673
deforestation 2622
demonstration and instruction forests 4063
dendrochronology 583
Dendroctonus micans 2535, 3088
development, forestry 2206, 3260, 3261, 3262
diseases, tree 512, 514, 2045, 2046, 2498, 2500, 3058, 6910
documentation and information services 3984
drought 4237
economics, forestry 6695
energy resources 5529
environmental conservation 2167, 7681
Fagus sylvatica 7108
fertilizers 1722, 2258, 2260, 2398, 2399, 3443, 4043, 4852, 7288
fire 922
fire control 4043
fish 560
flora/check lists 6083
forest administration 2376, 5041
forest policy 2206, 3260
forest site classification 2462
forests and forestry 3261, 6478
fungi 1089
history, forest(ry) 1647, 2209, 3261, 6479
insects 545, 6259
labour, forest 2679, 5260
land use 923, 3156, 4732
landscape 3855, 5972
legislation 1224
machines, tools, equipment 248, 251, 1774, 2758
mammals 7111
management, forest 6478
Matsucoccus feytaudi 6238
microclimatology, micrometeorology 7251
mycorrhiza 338, 485, 2497
national parks 6431, 6434
nature conservation and reserves 1224, 3156, 7681
nematodes 6288, 7013
nursery management 1279, 1470, 2264, 2265, 2266, 2267, 2716, 7282, 7284
palaeoecology 424, 1000, 2978
Phyllaphis fagi 7248
plantations 4076, 5691, 7288, 7289
planting 2758, 7265
pollution, air 5971
pollution, general 2622, 5972
pollution, water 562, 563
Populus 2310, 7288, 7289
private forest(ry) 651, 3262, 6479
productivity, forest 1357, 2350, 6102
propagation 202, 397, 2250, 2251, 2252, 2253, 2889, 5643, 5644
protection forest 7681
provenance studies 1704, 3322
recreation, forest 3156, 3851, 4704, 5473, 6431

France *contd.*
regeneration, natural 2282, 2451, 7248, 7251, 7258, 7263, 7266
remote sensing 6238
research 1234
review 466
seed production 2451
shelterbelts 5187
silviculture 3443, 4063, 4076, 4120, 5425, 7271, 7278
site preparation 7258
site types 2340
soil types 2809, 2810, 4262
sowing, direct 247
spacing 7239
species trials 2970, 7173
statistics, forest 313
succession 3638
surveys, forest 313, 3504
thinning 2302, 3443, 4120, 7271, 7275
timber trade 3261
Tortrix viridana 7248
trees and shrubs 428
urban and suburban forest(ry) 4704, 5492
vegetation types 339, 922, 2478, 6102, 6103
weed control 7266, 7275
wildlife 2282, 5425, 7673
yield studies 2308, 5820
yield tables 3496
French West Indies, flora/check lists 6793
Frost, general
protection against 1340, 7377
soil heaving 1724
Frost injury 839, 841, 1340, 1413, 1724, 1883, 1952, 2385, 3519, 4039, 4236, 4238, 4259, 4483, 4509, 5612, 6699, 7377
bibliography 1416
Frost resistance 331, 600, 602, 603, 1247, 1412, 1955, 1979, 1990, 2385, 2731, 3318, 3519, 3520, 3597, 3609, 4111, 4483, 5116, 5605, 5613, 5771, 5855, 6053, 6781
Fruit 696, 2928, 2947, 4449, 7299 (*see also* Cone; Seed)
anatomy, morphology 253, 372, 2435, 4136, 4137, 7552
chemistry 1344, 1483, 2752, 4136, 6050
edible 254, 373, 785, 829, 1344, 2110, 2298, 2318, 2752, 4130, 4134, 4137, 5231, 5236, 5403, 7298
uses 253, 2987, 4130, 4133, 4137, 4305, 4447, 6627, 6629
Fruit trees 588, 3151, 3609, 5231, 6625
Fruiting 699, 2450, 5784, 7243, 7254, 7261
Fuel and power 5506, 5507, 5508
Fuel plantations 1243, 2166, 2233, 2234, 2235, 2236, 2237, 3299, 3914, 3926, 3930, 5155
Fuel resources 90, 1213, 2231, 5090, 6515
Fuelwood 1994, 3303, 5155
Fumigants 1900 (*see also* Fungicides; Insecticides; Soil sterilants)
Fungi 900
anatomy, morphology 494, 509, 1102, 2518, 3039, 3054, 4504, 6185, 6190, 6894
assessment 7577
biochemical activity 6964
biology and physiology 64, 503, 508, 980, 1089, 1097, 1542, 1998, 2004, 2053, 2499, 2500, 2514, 2515, 2516, 2518, 3053, 3690, 3691, 3707, 3719, 4473, 4491, 4510, 4513, 6195, 6201, 6706, 6894, 6906, 6908, 6909, 6911, 7579, 7581
book 1534, 2021, 7553
culture collections 1543
ecology 481, 482, 493, 495, 501, 898, 1080, 1089, 1535, 1542, 2021, 2045, 2053, 3054, 3668, 3669, 3670, 3690, 3693, 3723, 3874, 4490, 4491, 4497, 4995, 6162, 6167, 6168, 6172, 6202, 6706, 6873, 6908, 7590
edible 257, 1349, 2298, 2495, 2766, 3670, 4130, 5227, 5232, 5233, 5234, 5236, 5238, 7306, 7307, 7562
identification 1542, 4472, 4490, 4515, 7590
inhibitors/stimulators in plants 3686, 6048, 7588
inhibitors/stimulators in soil 3713
Fungi *contd.*
interaction with fungi or bacteria 482, 3694, 6919
laboratory culture 508, 2004, 3029, 3039, 6197, 6203
resistance to 3693
review 2515
standard 7307
study methods 1080, 7573
succession 2492, 4496, 6873
taxonomy 66, 1102, 2968, 7553, 7589
Fungicides
additives 1111
'Aliette' 519, 2709
aluminium ethylphosphite 6892
'Arbotect' 4492
B compounds 3687
'Bayleton' 2014
benomyl 507, 1999, 2500, 3228, 3232, 3712, 4500, 4506, 6916, 6917, 6918, 7592
captafol 6915
captan 3232, 6886
carbendazim 2519
carboxin 6886
chloropicrin 6920
Cu compounds 2044, 3232, 3715, 6915
cycloheximide 507
dichlone 6915
dodine 6915
etridiazole 499, 2709, 6184
fenthiuram 3065
ferbam 1111
folpet 6915
'Fundazol' 4500
furalaxyl 519, 6892, 7593
$KMnO_4$ 3065
'Lorwek' 499
mancozeb 6915, 7592
maneb 6905, 6915, 7592
MBC salts 3710, 6208
metalaxyl 6892
methyl bromide 6920, 7199
$NaNO_2$ 3687
oxycarboxin 507
'Previcur' 499
prothiocarb 2709
pyroxychlor 6184
quinomethionate 6921
S 2056, 3065, 6905, 6915, 6921
'Subdue' 2005
systemic 3712
thiabendazole 507
thiophanate 2713
thiophanate-methyl 507, 2500, 3232
thiram 2500, 3065
triadimenol 6921
triarimol 507
tridemorph 6921
zineb 2056, 6533, 6905, 6915
ziram 6915
Fungicides, application
aerial 3715, 5774
equipment 4091
form and methods 507, 1111, 2056, 2709, 3397, 3687, 3710, 4091, 4492, 4500, 6184, 6886, 6892, 6905, 6915, 6916, 6917, 6918, 7593
phytotoxic effects 519, 6916, 6918
translocation and metabolism 3710
Fungus diseases, general
assessment 1995, 3052, 4468, 6199, 6896
book 6869, 7554
control 60, 63, 499, 518, 519, 1999, 2010, 2018, 2027, 2035, 2044, 2056, 2491, 2498, 2500, 2514, 2519, 2713, 3037, 3058, 3067, 3068, 3171, 3228, 3229, 3232, 3694, 3696, 3699, 3701, 3702, 3710, 3712, 3715, 3902, 4492, 4506, 4554, 4555, 4556, 4571, 5876, 6191, 6194, 6208, 6237, 6886, 6905, 6915, 6921, 7125, 7164, 7593
detection of diseased or dead tissues 1085, 1996, 2039, 3026, 6192
detection of diseased or dead trees 1097, 3695
distribution maps 1536
Fungus diseases, general *contd.*
ecological aspects 480, 497, 504, 508, 509, 510, 1085, 1097, 1098, 1101, 1103, 1536, 2003, 2006, 2009, 2024, 2026, 2027, 2041, 2042, 2045, 2046, 2050, 2054, 2498, 2513, 2516, 2517, 2518, 2520, 3032, 3037, 3055, 3056, 3058, 3059, 3060, 3061, 3067, 3232, 3233, 3619, 3688, 3695, 3699, 3700, 3704, 3705, 3707, 3834, 3856, 4466, 4467, 4468, 4476, 4480, 4484, 4485, 4488, 4505, 4509, 4511, 4512, 4553, 4554, 4555, 4556, 4559, 4564, 5618, 6116, 6176, 6177, 6178, 6180, 6191, 6194, 6197, 6237, 6893, 6895, 6896, 6898, 6900, 6904, 6906, 6907, 6908, 7554, 7555, 7578, 7580, 7587, 7590
effect on increment and yield 512, 2047, 3055
physiological effects 502, 2000, 2009, 2057, 3026, 3230, 3254, 4471, 4475, 6869, 6897, 6912, 7591
research 2046, 2210, 7164
resistance to 735, 983, 1028, 1098, 1106, 1539, 1540, 1541, 1987, 2011, 2027, 2035, 2038, 2040, 2041, 2519, 3029, 3232, 3689, 3692, 3694, 3706, 4471, 4473, 4475, 4476, 4487, 4488, 4511, 4512, 5618, 6158, 6194, 6196, 6204, 6237, 6858, 6885, 6903, 6907, 7125, 7134, 7554, 7567, 7579, 7585
study methods 511, 1095, 1106, 2018, 2039, 2043, 4472
symptoms 1097, 1102, 1106, 2045, 2046, 3039, 3060, 3232, 3700, 4466, 4479, 4480, 4484, 4499, 4511, 6193, 7488, 7579
systems analysis and simulation 4498, 7554
Fungus diseases of insects 2094, 7656
Gabon
breeding, tree 158, 4460
propagation 160
provenance studies 158
surveys, forest 7358
Galls 374, 544, 545, 1025, 1103, 1545, 1550, 1567, 2001, 3704, 4485, 4602, 6284, 6931, 6941, 6946, 7009, 7011, 7021, 7640, 7647
Gambia, hydrology 6710
Game birds (*see* Birds)
Genetics, plant, general (*see also* Breeding, tree; Chromosome studies; Hybrids and hybridization; Pollination)
biochemical aspects 1044, 1045, 1048, 1054, 1057, 1072, 1491, 1983, 1990, 2242, 2485, 2486, 2998, 3003, 3013, 4149, 4441, 4461, 6136, 6863, 6868, 7525, 7669
book 1526
ecological aspects 133, 164, 171, 182, 375, 457, 460, 1019, 1021, 1047, 1049, 1053, 1057, 1058, 1255, 1684, 1692, 1891, 1978, 1979, 1981, 2242, 2430, 2485, 2486, 2487, 2489, 2682, 2862, 2913, 3015, 3019, 3020, 3225, 3625, 3665, 3666, 4082, 4111, 4377, 4379, 4433, 4434, 4442, 4463, 5314, 5355, 5358, 5359, 5360, 5361, 5362, 5363, 5373, 5377, 5618, 5624, 5855, 6133, 6134, 6136, 6137, 6145, 6149, 6153, 6154, 6235, 6247, 6848, 6864, 6865, 6868, 6935, 7522, 7548, 7552
gene flow in populations 2485, 3011, 4379, 6161, 7547
genetic surveys, gene resources 147, 439, 442, 679, 1034, 1047, 2997, 2999, 3000, 3007, 3008, 3009, 3010, 4428, 5031, 5414, 5454, 5464
inbreeding effects 1040
inheritance studies 455, 457, 458, 600, 1028, 1057, 1062, 1066, 1068, 1532, 1984, 1989, 2485, 2488, 3012, 3016, 3662, 3664, 4436, 5388, 6137, 6139, 6140, 6159, 6838, 6840, 6841, 6842, 6846, 6858, 6859, 6863, 6866, 6868, 6902, 7525, 7548
mutation 468, 469, 1982
physiological aspects 133, 137, 1034, 1044, 1058, 1981, 2443, 2489, 2913, 3665, 4433, 4437, 5624, 6059, 6152, 6854, 6863, 7183, 7473, 7522, 7550
ploidal effects 474, 475, 6157, 6161

Genetics, plant, general *contd.*
research 2484, 2918, 6155
silvicultural aspects 1525, 1531, 1533, 5355, 5357, 5362, 5366, 6848, 6856
study methods 460, 1054, 2918, 3000, 3662, 7138
systems analysis and simulation 1061, 2998, 6075, 6849, 6851
variation 127, 128, 154, 158, 182, 375, 457, 458, 459, 464, 470, 472, 473, 477, 478, 961, 1024, 1047, 1049, 1071, 1072, 1251, 1255, 1293, 1344, 1436, 1530, 1531, 1533, 1683, 1684, 1692, 1891, 1978, 1981, 1984, 1988, 2242, 2419, 2430, 2443, 2485, 2487, 2682, 2862, 2923, 2999, 3015, 3019, 3251, 3625, 3666, 3869, 3870, 4082, 4149, 4377, 4436, 4437, 4442, 4461, 4463, 4820, 4849, 5357, 5358, 5359, 5360, 5361, 5362, 5363, 5373, 5377, 5855, 6059, 6134, 6135, 6137, 6139, 6140, 6141, 6145, 6149, 6153, 6154, 6161, 6235, 6840, 6851, 6854, 6855, 6856, 6858, 6859, 6861, 6862, 6865, 6868, 6885, 7173, 7473, 7509, 7512, 7521, 7522, 7523, 7526, 7547, 7548, 7551, 7552, 7571, 7625
Geology (*see also* Soil, parent rock)
Germany, East
biological control 6992
birds 3127
Cecidomyia baeri 6284
degraded forest and land 7189
diseases, tree 2045
economics, forestry 5528, 6694, 7188
fertilizers 1723, 2023, 2256, 3544, 5652, 5653, 5657, 5661, 5664, 6395
fires, forest 6752
history, forest(ry) 95, 5528
insects 6992
labour, forest 1669
landscape 3167
management, forest 5825, 7188
mining wastelands 6395, 6397
mycorrhiza 2023
nature conservation and reserves 3127, 6423
nematodes 2570
nursery management 4047
plantations 7189
planting 3167
pollution, air 2412, 2415
provenance studies 2307
silviculture 2307
soil types 3544
surveys, forest 292, 293
thinning 2339
treelines and timberlines 3167
vegetation types 1511
yield studies 293
Germany, West
aquaculture 7747
birds 6312
breeding, tree 119, 1528, 3017, 5635, 6139, 7463, 7517, 7537
Caloptilia syringella 7621
Christmas trees 1343
coppice 815
credits and subsidies 1659
development, forestry 5124, 5525
Diprion pini 7649
diseases, tree 498, 2037, 2042, 2045, 2448, 2507, 2524, 3042, 3043, 3044, 5618, 6780, 6912, 7487, 7572, 7585, 7649
documentation and information services 3979, 3980
economics, forestry 4673, 4677, 5528, 6475
education and training 1232, 3197, 3279, 3990, 5745, 6500
farm forest(ry) 3833, 4677, 6420
fertilizers 2389, 7257, 7259
fires, forest 2421, 7441
flora/check lists 4363
forest administration 92, 1667, 2358, 3833, 3847, 5162, 6500
forest ownership 1659
forest policy 1205, 4673, 6475
forest site classification 6666
forests and forestry 3918, 3925
fungi 7557
history, forest(ry) 1184, 2204, 5528
Germany, West *contd.*
hydrology 6381, 7682
improvement planting 2389
insects 2074, 6267, 6282
Ips typographus 4552
labour, forest 1232, 3993, 5269, 6512
land use 1216, 4661, 4673, 7747
landscape 1184, 3849, 6442, 7731, 7747
Larix decidua 3442
legislation 1216, 1659, 3845, 4673, 5974, 7731
machines, tools, equipment 778, 1773, 3284, 6600, 7291
management, forest 117, 301, 2357, 2358, 2360, 2362, 3502, 3833, 3979, 4661, 4673, 5525, 6674
measurement tables 6636
mechanization of forest operations 3980
mining wastelands 7728, 7731
nature conservation and reserves 1216, 3836
nursery management 4073
plantations 301
planting 1528, 1768, 7281, 7291
planting stock 2824, 4112, 7267
pollution, air 878, 4277, 5974, 5978, 7423
Populus 7537
precipitation 7050
productivity, forest 2352, 2353, 2912, 5809, 5811
propagation 1036, 5635, 6542, 7183
protection forest 5526
provenance studies 119, 694, 1030, 1244, 1253, 1254, 1679, 3017, 3308, 3318, 3319, 3320, 3321, 3323, 5618, 7517, 7531, 7537, 7544
reclamation of degraded land 5419, 6092, 7728
recreation, forest 1216, 1616, 3843, 3844, 3845, 3846, 3847, 3848, 3849, 5525, 5526, 6092, 7728, 7729
regeneration, natural 7273
roads 6442, 7137
seed production 7519
silviculture 117, 118, 5978, 7270
site preparation 1761, 1773, 2733, 3423, 6512, 6600, 7291
site types 2362
soil types 4391
spacing 1679, 6616
surveys, forest 290, 3502, 6674, 6680, 7031
taxation 1659
thinning 1314, 1897, 2507, 3197, 3284, 3435, 3498, 5745, 5752, 6680, 7335
urban and suburban forest(ry) 3590, 7729
vegetation types 436, 1511, 4390, 4391
veteran or remarkable trees 3494
weed control 1755, 1761, 2735, 2768, 3423, 3452, 7225, 7259
wildlife 1587, 2105, 4619, 6313, 6345, 7031
work studies 1667, 3284, 6420, 6512
working plans 2357, 2360
Xiphydria camellus 2565
yield studies 290, 5752
yield tables 815, 3498, 6664
Ghana
agrisilviculture 5199
development, forestry 5006
insects 4761
management, forest 4875
research 5006
soil types 2814
wildlife 5220
Gibberellins (*see* Growth regulators, gibberellins)
Girdling 3038
Girth (*see* Diameter/girth)
Glasshouses (*see* Greenhouses)
Glossaries, dictionaries 1, 589, 1190, 1430, 1967, 3177, 3180, 4360, 5513, 6164, 6461, 7425, 7714
bibliography 5512
Goats 2126, 4604, 6337, 7023
Gophers 243
Grafts, grafting (*see* Propagation, vegetative, grafting)
Grain and figure 961
Grass, production 1890, 4605, 4606
Grazing and pasture 554, 5210, 5963, 7022
Grazing and pasture *contd.*
ecological effects 1507, 1598, 2104, 2844, 3410, 3758, 4370, 4606, 4608, 5242, 5792, 6124, 6308, 6309, 6321
management 1579, 1838, 1861, 1862, 1890, 2104, 2631, 3122, 3410, 3755, 3756, 3757, 3759, 4598, 4605, 4668, 4832, 4935, 4938, 5108, 5239, 5241, 5242, 5243, 5244, 5245, 5246, 5247, 5248, 5249, 5250, 5541, 5792, 6307, 6309, 6352, 7023, 7660
Great Britain
afforestation 2155, 2156, 2163, 2976, 4658, 5714
amenity forests, parks 2511, 3154, 4714, 5718, 6435, 7713
arboreta 2179, 4715, 5465
arboriculture 1186, 1191, 1192, 1620, 3168, 3854, 7095
associations, societies 5727
bibliography 3927
biological control 3714
birds 2128
book 1200, 3168, 7724
breeding, tree 1060, 1516, 5361
choice of species 5608
climate 5813
coppice 6689
credits and subsidies 1639, 3275
Cryptococcus fagi 2534
deforestation 6086
dendrochronology 4716
development, forestry 7078
diseases, tree 735, 1096, 1099, 1108, 1109, 1110, 1642, 2041, 2045, 2287, 2509, 2510, 2511, 2514, 2523, 3067, 3069, 3171, 3714, 3834, 3856, 4522, 6183, 6898, 7085
documentation and information services 5024, 5572, 6507
drainage, land 4087
ecology, forest 5573, 6476
economics, forestry 1877, 2620, 3500, 6320, 6687, 6688, 6689
education and training 667, 5293, 5573
Elatobium abietinum 1551, 4539
energy resources 1241, 2208
environmental conservation 2167, 4691, 7084, 7085
Eucallipterus tiliae 6940
farm forest(ry) 2151
fertilizers 5704, 6544
fires, forest 2287
fishing and fishery management 1590, 6359
flora/check lists 4715, 5465
forest administration 2205
forest ownership 2658, 7713
forest policy 1640, 2194, 2195, 2196, 2197, 2199, 2201, 2208, 3258, 3863, 5534, 5535, 7084
forest site classification 3866
forests and forestry 1200, 1639, 1642, 3865, 3927, 5524, 5527
fuel resources 90
grazing and pasture 4370
hedgerow trees and timber 2151, 4522
history, forest(ry) 3922, 3929
hunting 1615
insects 2572, 6242, 6273, 6291, 6292
Ips cembrae 1124
labour, forest 667, 5293, 6511
land use 1171, 1600, 2163, 2620, 4665, 4691, 7078, 7397
landscape 219, 580, 3853, 3854, 3856, 4887, 5527
legislation 3929
management, forest 219, 1638, 1866, 3500, 4665
microclimatology, micrometeorology 5948
mining wastelands 4658, 5714
nature conservation and reserves 2128, 2168, 2169, 2197, 2199, 3154, 3834, 3835, 3927, 4680, 7724
nematodes 6287
nursery management 2271, 5293, 5700, 5715, 5716, 5717, 5729, 5730
ornamental trees and shrubs 2523
palaeoecology 6086
plantations 3865, 3873, 5703, 5719, 5720, 6323, 6476
planting 1191, 1192

Great Britain *contd.*
planting stock 1192
pollution, air 1902
pollution, general 4278
private forest(ry) 1642, 5535, 6687, 6688, 7157
productivity, forest 1685, 5813
propagation 7129
provenance studies 1684, 1685, 1691, 1693, 2686
Quercus 4370
reclamation of degraded land 2156, 3823, 6091
recreation, forest 1180, 1181, 1615, 1617, 2205, 4956, 5471
regeneration, natural 735, 6585
research 5024
resources, forest 640
review 2168
roadside trees 3823
Salix 1496
seed sources 1682
shelterbelts 7706
silviculture 219, 4887, 5293, 5534, 5535
site preparation 743, 2287
sowing, direct 5672
spacing 3500
standard 1191, 1192
succession 6585
surveys, forest 286, 5348, 5989
taxation 3966, 5535, 7157, 7158
thinning 2300, 2355, 3500, 5754
trees and shrubs 990
trees and shrubs for 5608
urban and suburban forest(ry) 1620, 3170, 3853, 4713
vegetation 2976
vegetation types 4411, 4665
vegetational history 6809
weed control 745, 1304, 1305, 2271, 2976, 4090, 5700, 5701, 5702, 5703, 5704, 5708, 5709, 5710, 5712, 5714, 5715, 5716, 5717, 5718, 5719, 5720, 5721, 5722, 5723, 5728, 5729, 5730
wildlife 1141, 1142, 1584, 2976, 3275, 3834, 6317, 6320, 6343, 6347, 7085
yield studies 1866
yield tables 2355
Great Britain, Scotland
amenity forests, parks 1619
arboreta 6456
birds 3884, 6316, 6328
botanic gardens 3858
breeding, tree 6143
development, forestry 1637, 1681
diseases, tree 402, 2050, 6191, 6900, 6908
Drepanosiphum platanoidis 3237
economics, forestry 4703, 5764
Elatobium abietinum 6235, 7606
farm forest(ry) 2200
fertilizers 2595, 2702, 3378, 3379, 3887, 6617
fishing and fishery management 2595, 2598
forest policy 2198, 2200
forests and forestry 1637, 1643, 7147
grazing and pasture 6321
history, forest(ry) 3259
improvement planting 2306
labour, forest 1671
land use 3827, 3831, 3832
mining wastelands 6708
nature conservation and reserves 1619, 3858, 6428
Neodiprion sertifer 6301
nursery management 7205
Panolis flammea 3077, 3098, 3099
plantations 3884, 3886, 3887, 3888, 5705, 5764, 6617
productivity, forest 7347
propagation 5639
provenance studies 7515
recreation, forest 4703
regeneration, natural 2727
Rhyacionia duplana 6950
silviculture 3887, 3888, 6617
weed control 2306, 5705
wildlife 3886, 4620, 6428
yield studies 1823
yield tables 1771, 7347
Great Britain, Wales
economics, forestry 6687, 6688
Great Britain, Wales *contd.*
Fagus sylvatica 421, 1002
history, forest(ry) 782, 2202
minor forest products 782
private forest(ry) 2202, 6687, 6688
shelterbelts 5854, 7095
Greece
diseases, tree 4516, 6206
fire control 924, 951
forests and forestry 75
palaeoecology 425
provenance studies 6522
silviculture 924
soil types 3542, 5864
vegetation types 924, 951, 4421
Greenhouses 1733
Greenland, insects 6925
Ground vegetation 346, 347, 876, 882, 1123, 1287, 1515, 2481, 2482, 4250, 6124, 6830, 7177
Groundwater 344, 854, 1148, 3418, 4146, 4640, 6382, 7224, 7415
Group system (*see* Silvicultural systems and types of felling, group fellings)
Growth and development, plant 2186, 3618 (*see also* Increment; Roots, growth and development; Seedlings, growth and development; Shoot growth and morphology)
Growth regulators
ABA 2906
abscisic acid 6058, 7483, 7484
'Alar' 392
auxins 2906, 6056
benzyladenine 2442
chlormequat 6062, 7230
cytokinins 489, 1717, 6056
daminozide 4093
ethephon 392, 2856, 4331, 7465
ethylene 2855, 6714
gibberellins 2331, 2906, 4332, 4333, 4335, 6056, 6062, 7483, 7484
IAA 4332, 6913, 7483, 7484
IBA 4332
inhibitors 6056
maleic hydrazide 971, 4093
morphactin 2856, 4331
NAA 2442
physiological role 392, 489, 1717, 1945, 1949, 2331, 4329, 4331, 4332, 4333, 4335, 6056, 6058, 6714, 6913, 7465, 7483
TIBA 392
translocation and metabolism 971
2,4-D 4329
Growth rings (*see* Rings, growth)
Growth stresses in trees 2418, 2838, 3585, 7471
Guards, tree 1582, 3409
Guatemala
afforestation 1654
conifers 1654
farm forest(ry) 3152
national parks 7087
nature conservation and reserves 1654
provenance studies 6529
wildlife 4611
Guiana, French
shifting cultivation 2615
silviculture 4055
vegetation types 4418, 6807
Guinea
land use 6402
remote sensing 6402
vegetation types 6402
Gums 1792, 4139, 4141, 4142
Gunfire and bomb damage 3301
Guyana, vegetation types 4418
Habit of growth 360, 367, 403, 792, 1090, 1436, 1608, 1936, 2767, 2847, 3573, 3597, 3666, 4307, 4309, 4311, 4345, 4386, 4849, 5438, 5770, 5811, 6021, 6110, 6817, 7183, 7467
Hail damage 2806, 5856, 5858
Hares (*see* Rabbits and hares)
Health and hygiene 669, 1668, 1672, 3294, 3297, 3993, 5270, 5271, 5278, 5281, 5282, 5283, 6388, 7166
Heartwood, quantitative measures 1358
Heathlands (*see also* Afforestation, heathland; Vegetation types, heathland)
Hedgerow trees and timber 2151, 4522
Hedges 5210
Height classes, height curves 2773, 2782, 4178, 5793, 5806, 7331, 7345
Height measurement 1809, 1810, 2335, 2369, 6637, 6697, 7315
Helicopters 834, 2790, 5774
Herbicides (*see* Weedkillers)
History, forest(ry) 105, 106, 117, 118, 2193, 3256, 3263
America, Latin 5567
America, North 6487
Argentina 5567
Australia, Northern Territory 3961
bibliography 6487
Bulgaria 2655, 2656
Canada 5554
Finland 645, 5262
France 1647, 2209, 3261, 6479
Germany, East 95, 5528
Germany, West 1184, 2204, 5528
Great Britain 3922, 3929
Great Britain, Scotland 3259
Great Britain, Wales 782, 2202
Indonesia 2222
Italy 5121, 7145
Japan 5324
New Zealand 1656
South Africa 2216
USA 1828, 5554, 6493
USA, southern 6494
USA, West Virginia 3268
USSR 2652
Yugoslavia 3917
Honduras
catchment areas, management 6388
erosion 6388
fishing and fishery management 6388
provenance studies 6529
Honeydew 6233, 7614
Horse-riding 3843, 3844, 3845, 3846, 3847, 3848
Humus, incorporated (*see* Soil chemistry, organic)
Humus, surface
chemistry and nutrient relations 237, 866, 4242, 7407
decomposition 237, 5991
flora and fauna 7407
hydrological effects 5991
study methods 7407
Hungary
amenity forests, parks 2556
apiculture 5226
breeding, tree 6204
choice of species 1166
Corythucha ciliata 2555
diseases, tree 6204
forest site classification 3866
hunting 5472
insects 2556
insurance, forest(ry) 665
machines, tools, equipment 777
nursery management 719
pollution, general 2833
recreation, forest 4957
research 5009
site preparation 777
vegetation types 4394, 6106
weed control 2291
wildlife 5472
Hunting 1215, 1581, 1587, 1588, 1615, 1854, 2121, 2123, 2657, 3892, 4621, 4626, 4968, 5219, 5472, 5568, 6324, 6345, 6348, 6352
Hybrids and hybridization 441, 462, 471, 680, 687, 1073, 1991, 1992, 3014, 3015, 3018, 3625, 4429, 4850, 6074, 6135, 6137, 6140, 6142, 6144, 6146, 6147, 6151, 6152, 6154, 6156, 6161, 6528, 6785, 6841, 6842, 6858, 6859, 6860, 6862, 6867, 6971, 7173, 7517, 7520, 7521, 7522, 7543, 7548, 7551
Hydrology 7109
analysis and synthesis of hydrographic data 3806, 3809, 5938, 6385, 7308, 7689
book 3809
conferences, symposia 6377
land-use aspects 419, 1146, 1156, 3806, 4630, 4996, 5182, 5892, 6390
research 1150, 4648, 6377, 6381
study methods 15, 852, 1150, 1597, 2602, 3810
Hypsometers (*see* Height measurement)

Iceland
aquaculture 6095
choice of species 6090
deforestation 6087
erosion 6090
fishing and fishery management 6095
reclamation of degraded land 6090
trees and shrubs for 6090
vegetational history 6087
Improvement fellings 1328, 5326, 5756, 7234
Improvement planting 740, 2308, 2388, 2389, 3559, 3650, 4071, 5367, 5384 (*see also* Underplanting)
Inchnacardoch planter 1292
Increment 2753, 4188
basal area 271, 306, 1016, 1360, 1369, 1762, 1811, 1821, 2302, 2348, 3241, 3384, 3435, 3443, 4098, 4108, 4186, 4797, 5694, 5749, 6545, 6658
diameter/girth 244, 275, 276, 294, 524, 713, 789, 802, 804, 805, 811, 1086, 1272, 1320, 1326, 1364, 1368, 1375, 1766, 1767, 1804, 1805, 1811, 1826, 2259, 2302, 2334, 2698, 2749, 2774, 2780, 3028, 3309, 3336, 3375, 3384, 3419, 3420, 3434, 3443, 3493, 3495, 4006, 4077, 4098, 4117, 4190, 4237, 4372, 4797, 5756, 5812, 5815, 5973, 5977, 6451, 6545, 6653, 6658, 7324, 7336, 7337, 7341, 7342, 7442, 7542, 7701
effect of fire 7442
equations 807, 1361, 1368, 1809, 1810, 1811, 2776, 6666, 7341
forecasting 1375, 1810, 5364
form 802
height 225, 244, 378, 402, 457, 524, 714, 751, 802, 804, 805, 806, 810, 812, 836, 1013, 1249, 1272, 1326, 1368, 1375, 1463, 1532, 1730, 1748, 1769, 1809, 1810, 1826, 1953, 1980, 2382, 2698, 2743, 2750, 2774, 2824, 2848, 2876, 3309, 3332, 3336, 3405, 3417, 3445, 3495, 3496, 3662, 4006, 4044, 4073, 4117, 4372, 4400, 4797, 5357, 5658, 5695, 5797, 6451, 6666, 6697, 7215, 7227, 7267, 7337
in unthinned stands 6424
methods of determining 789, 803, 807, 1272, 1804, 1826, 5801, 7339
per cent 298, 306
systems analysis and simulation 275, 627, 632, 634, 804, 811, 1826, 7337
theory 271, 272, 273, 274
variations 244, 276, 1316, 1364, 1805, 2848, 5357, 6658, 7338, 7342, 7542
volume 182, 211, 271, 273, 298, 378, 713, 714, 804, 805, 807, 1326, 1330, 1368, 1377, 1826, 2256, 2262, 2477, 2743, 3241, 3384, 3438, 3486, 3584, 3715, 4107, 4117, 4122, 4797, 5654, 5801, 5816, 5822, 5863, 6545, 6666, 7337, 7339, 7341, 7347
Increment boring, cores 2418, 4155, 5517, 5790
India
afforestation 2283
agrisilviculture 5207
Aulacorthum circumflexum 4537
book 2283
breeding, tree 6151
catchment areas, management 5188
communal forest(ry) 5138
credits and subsidies 4672, 5317
development, forestry 652, 2159, 5048, 5050, 5078, 5138, 5164, 5167, 5170
diseases, tree 2519, 3060, 3062, 4511, 4517, 4521, 6151, 6207, 6209, 6921
economics, forestry 4217, 4221, 4672, 5101, 5317
energy resources 3215, 6516
environmental conservation 5442
Eucalyptus 1333
farm forest(ry) 2166
fishing and fishery management 3798
forest administration 3282, 4217, 5325
forest policy 652, 5037
forests and forestry 652, 4876
fuel plantations 2166
gums 4139
hydrology 4647
insects 1558
India *contd.*
international aid and collaboration 652
labour, forest 5264, 5587
land use 2159, 4672
management, forest 4876
minor forest products 1349, 5264, 5410
periodicals and serials 5511
plantations 1333, 5064
propagation 4032, 5642
research 5164
shelterbelts 5188
shifting cultivation 5196
silviculture 1333, 5264
thinning 5285
vegetational history 4387
wildlife 5112, 7025
yield tables 6667
India, Andaman and Nicobar Islands, improvement planting 4071
India, Arunachal Pradesh, trees and shrubs 4359
India, Assam, volume tables 4169, 4170
India, Bihar, forest site classification 5803
India, Dadra and Nagar Haveli, medicinal plants 5789
India, Gujarat
bamboos 2329
minor forest products 6634
India, Himachal Pradesh
farm forest(ry) 5235
propagation 6539
India, Himalayas, grazing and pasture 5249
India, Jammu and Kashmir
flora/check lists 6080
vegetation types 6080
India, Karnataka
volume tables 1800, 4168
weed control 227
yield tables 4194
India, Kerala
forest site classification 5803
yield tables 4193
India, Madhya Pradesh
economics, forestry 4216
fertilizers 4335
forest administration 4216, 5255
forest site classification 5803
fuel plantations 3930
labour, forest 5255
management, forest 3930
nursery management 4335
taxation 4216
India, Maharashtra
diseases, tree 1545, 3708
mangroves 4325
India, northern, shifting cultivation 574
India, Orissa
forest policy 3931
nematodes 2568
plantations 2309
shifting cultivation 4900
yield studies 1824
India, Rajasthan
afforestation 3136
bamboos 2329
Cassia 7500
flora/check lists 6084
nature conservation and reserves 5467
productivity, forest 1362
vegetation types 6817
India, Tamil Nadu
forest site classification 5803
soil types 7393
wildlife 6326
yield tables 4193, 4194
India, Tripura, shifting cultivation 6741
India, Uttar Pradesh
afforestation 1936
bamboos 6022
breeding, tree 6146, 6841, 6842
browse 7037
erosion 1936
forest site classification 5803
hydrology 4645
land use 4211
plantations 4645
productivity, forest 5962
propagation 4035
remote sensing 4211, 6648
resin-tapping 4148
species trials 4012
termites 7605
India, Uttar Pradesh *contd.*
vegetation types 6816
volume tables 6648
weight tables 4160
wildlife 7037
yield tables 4194
India, West Bengal
apiculture 4965
forest site classification 5803
propagation 4036
wildlife 4967
yield tables 4194
Indicators, plant 1512, 2835, 3543, 4250, 4995
Indonesia
afforestation 5439
Agathis 5461
aquaculture 2599
bibliography 2648
breeding, tree 3016, 6844
catchment areas, management 2668
communal forest(ry) 3297, 5120
deforestation 2619
development, forestry 2159, 2215, 2668, 3216, 5120
economics, forestry 2215
edible plants 5228
energy resources 2237
flora/check lists 5453, 6082
forest policy 2222
forests and forestry 1214, 2221, 3220, 3962
fuel plantations 2237
Gonystylus bancanus 5367
history, forest(ry) 2222
Hypsipyla robusta 7602
insects 5322, 7635
labour, forest 3296, 3297
land use 2159, 2162, 2599, 2618, 2619, 5120
legislation 2215
management, forest 5394, 5399, 5400
mangroves 2599
medicinal plants 2333
minor forest products 5407, 5411
nature conservation and reserves 2220, 5415, 5453
nursery management 5323
parasites and saprophytes 3717
Pinus merkusii 5388
provenance studies 3599
recreation, forest 2220
regeneration 2162
regeneration, natural 5395
research 1231, 2648
resources, forest 2668
Rubus ellipticus 7565
seed production 5229
shifting cultivation 5197
trees and shrubs 3626, 3627, 3628, 3629, 3630, 6072
wildlife 5415, 5451, 5468, 6348
yield tables 5321
Information services (*see* Documentation and information services)
Inheritance (*see* Genetics, plant, general, inheritance studies)
Injection of trees 2290, 2916, 2949, 3426, 3710, 4093, 4333, 4340, 4554, 6139, 6604
Insect pests of trees 4448
attractants 1118, 2072, 2075, 2530, 2542, 4547, 4575, 4595, 6239, 6270, 6927, 6951, 6962, 6969, 7657
disparlure 551, 552, 2069, 2553
frontalin 6991
bibliography 6957
biology and ecology 40, 46, 374, 497, 522, 526, 527, 528, 529, 531, 533, 535, 542, 543, 544, 1114, 1115, 1116, 1125, 1127, 1132, 1133, 1548, 1550, 1551, 1565, 1566, 1567, 1568, 2045, 2062, 2067, 2068, 2070, 2073, 2074, 2076, 2077, 2079, 2083, 2089, 2526, 2530, 2536, 2537, 2539, 2541, 2544, 2547, 2550, 2555, 2556, 2557, 2560, 2561, 2566, 2629, 2733, 2834, 2946, 2947, 2954, 2965, 3072, 3076, 3077, 3078, 3079, 3080, 3082, 3085, 3091, 3099, 3121, 3155, 3234, 3237, 3255,

Insect pests of trees *contd.*
biology and ecology *contd.*
3724, 3728, 3730, 3731, 3732, 3734, 3735, 3738, 3740, 3741, 3742, 3745, 3746, 3747, 3748, 3749, 3750, 3875, 3903, 4512, 4530, 4533, 4537, 4538, 4539, 4540, 4541, 4542, 4543, 4544, 4545, 4546, 4548, 4549, 4550, 4551, 4565, 4573, 4574, 4576, 4583, 4761, 4895, 5322, 6176, 6177, 6210, 6213, 6216, 6217, 6218, 6221, 6222, 6223, 6224, 6225, 6227, 6230, 6232, 6233, 6234, 6237, 6239, 6240, 6241, 6243, 6245, 6246, 6248, 6251, 6252, 6269, 6270, 6275,
6276, 6281, 6282, 6284, 6285, 6291, 6292, 6293, 6643, 6927, 6928, 6929, 6931, 6933, 6939, 6941, 6942, 6943, 6944, 6946, 6949, 6950, 6952, 6953, 6954, 6955, 6960, 6967, 6968, 6970, 6975, 6976, 6977, 6990, 7002, 7007, 7008, 7009, 7010, 7011, 7019, 7441, 7466, 7596, 7599, 7601, 7602, 7606, 7608, 7609, 7610, 7612, 7613, 7615, 7616, 7617, 7620, 7621, 7623, 7624, 7633, 7639, 7641, 7642, 7644, 7645, 7647, 7648, 7649,
7652, 7654
book 1132, 3074, 4573
conferences, symposia 2527
control 62, 319, 522, 523, 533, 534, 540, 549, 550, 551, 552, 707, 1116, 1118, 1133, 1137, 1553, 1556, 1558, 1573, 1574, 1576, 1578, 2068, 2075, 2077, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2103, 2406, 2533, 2542, 2556, 2558, 2559, 2560, 2572, 2573, 2574, 2575, 2576, 2580, 2761, 2948, 2949, 2950, 2955, 3066, 3078, 3083, 3084, 3092, 3095, 3097, 3098, 3099, 3100, 3101, 3102, 3105, 3106, 3113, 3114, 3117, 3121, 3234, 3619, 3729, 3731, 3736, 3741, 3748, 3750, 3751,
3752, 3753, 4542, 4573, 4583, 4584, 4586, 4587, 4588, 4589, 4590, 4592, 4594, 4595, 4596, 4616, 5663, 6232, 6237, 6242, 6243, 6244, 6250, 6251, 6252, 6254, 6255, 6269, 6291, 6292, 6293, 6294, 6295, 6296, 6300, 6301, 6304, 6305, 6306, 6464, 6931, 6945, 6948, 6949, 6953, 6955, 6963, 6964, 7002, 7008, 7014, 7015, 7019, 7020, 7164, 7489, 7602, 7621, 7622, 7641, 7643, 7645, 7648, 7652, 7653, 7654, 7655, 7657, 7658 (*see also* Biological control, insect pests)
damage by 459, 533, 581, 1103, 1125, 1126, 1263, 1300, 1301, 1552, 2079, 2561, 2565, 2629, 2733, 2948, 2964, 3041, 3079, 3091, 3619, 3745, 4341, 4485, 4549, 4602, 6110, 6213, 6238, 6243, 6249, 6253, 6255, 6279, 6285, 6460, 6932, 6933, 6953, 6961, 6971, 7002, 7489, 7625, 7645, 7648
data recording and processing 1568
detection 318, 540, 2069, 2372, 2553, 6238, 6961
dispersal 2527, 2528, 2529, 2531, 2532, 2533, 2534, 2542, 2544, 2549, 6232, 6237
distribution maps 6967
economics 533, 4573, 4583, 4895, 6243, 6253, 6464
effect on increment and yield 3382, 4280, 5986, 6249, 7614
feeding inhibitors 7005, 7646
forecasting 2554, 2951, 3255, 6217, 6953
fungal associates 510, 1103, 3619, 3722, 3723, 3724, 6237, 6898, 7280
host relations 527, 542, 544, 1555, 1558, 2045, 2046, 3076, 6236, 6240, 6281, 7608, 7629
identification 3745, 4573, 4602, 6966
insect associates 6990
laboratory rearing 7006
legislation 3066

Insect pests of trees *contd.*
parasites and predators 523, 530, 545, 1556, 1557, 1574, 2067, 2092, 2097, 2108, 2557, 2560, 2561, 3239, 3725, 3735, 3738, 3740, 3747, 3751, 4530, 4543, 4577, 4578, 4580, 4585, 4589, 4590, 6222, 6226, 6228, 6232, 6241, 6243, 6246, 6250, 6255, 6256, 6269, 6275, 6291, 6292, 6293, 6931, 6940, 6947, 6950, 6952, 6953, 6959, 7001, 7008, 7011, 7017, 7113, 7594, 7614, 7618, 7619, 7640, 7643, 7645, 7647, 7648, 7651, 7654, 7655
pathology 6295
physiological effects 973, 3073, 7021, 7610, 7650
physiology 1115, 1122, 6279, 6283, 7003, 7004, 7005, 7006
population studies and surveys 527, 1116, 1122, 1556, 1566, 1571, 2071, 2536, 2537, 2538, 2545, 2547, 2553, 2558, 2951, 3072, 3081, 3239, 3255, 3735, 4540, 6215, 6217, 6218, 6219, 6220, 6222, 6227, 6254, 6255, 6925, 6930, 6940, 6944, 6954, 6963, 6992, 7441, 7607, 7620
repellent pheromones 541
research 2210, 6254, 6255, 7164, 7598, 7649
resistance to 379, 462, 524, 535, 1025, 1265, 1574, 2534, 3310, 3619, 3733, 4477, 5422, 6235, 6237, 6247, 6363, 6774, 6953, 7528, 7602, 7625, 7641
review 1113
secondary pests 544, 2045, 2046, 4341
sterilization 531, 532
study methods 1627, 1628, 2091, 3746, 4548, 5516, 6215, 6219, 6220, 6229, 6234, 6242, 6270, 6295, 6299, 6941, 7657
systems analysis and simulation 2544, 2546, 3239, 6061, 6215, 6464, 7607
taxonomy 2968
trapping 535, 1118, 1628, 2069, 2530, 2545, 4542, 4595, 6232, 6239, 6269, 6980, 7657
vectors of disease 3052, 4512 (*see also* Bark beetles, vectors of disease)
Insecticides 2558
acephate 549, 550, 1578, 2579, 3083, 3092, 3114, 3115, 4584, 4592, 6306
aminocarb 3083, 3084, 3092, 3118, 3741, 4592, 4596, 6244, 7611
bacterial preparations 2092, 2096, 2098, 2099, 2559, 3083, 3098, 3099, 3113, 3752, 4584, 4586, 4587, 4588, 6252, 7014, 7015, 7641
BHC 3731, 7645
bromophos 6992
carbaryl 2102, 3114, 3115, 4592, 6305, 6306, 7020, 7641
carbofuran 2948
chlorpyrifos 1124, 4554, 7020
DDT 533, 534, 2101, 3114, 3121, 3731, 4880, 6244, 7645
dieldrin 6533
diflubenzuron 2558, 3114, 3115, 6242, 6304, 7019, 7621, 7641, 7659
disulfoton 5663
endosulfan 549, 7020
fenitrothion 197, 1577, 2103, 2579, 2955, 3083, 3084, 3092, 3098, 3107, 3109, 3110, 3111, 3112, 3119, 3120, 3741, 3754, 4592, 4596, 4597, 4880, 6244, 7020, 7611
fenthion 2556
fenvalerate 534
formothion 4594
gamma-BHC 534, 1124, 2077, 2101, 2564, 3736, 7002, 7648
lindane 6992
malathion 2556, 6992
methamidophos 7020
methoxychlor 2580
methyl bromide 2077
mexacarbate 6244
monocrotophos 7020
'Nexit' 4552
organo-phosphorus preparations 2093, 5969
permethrin 534, 1576, 2406, 3092, 3095, 6304

Insecticides *contd.*
phosalone 7641
phosphamidon 2579, 3092, 4592, 6244
propoxur 3092, 7658
pyrethrins 7641
systemic 2949
tetrachlorvinphos 534
thiocyclam 6304
triazophos 7020
trichlorphon 2103, 2560, 6304, 6306, 7641
virus preparations 2559, 2572, 3092, 4586, 4587, 6294, 6299, 6300
Insecticides, application 55
aerial 549, 550, 1137, 1577, 2098, 2103, 2406, 2580, 3092, 3095, 3098, 3100, 3101, 3102, 3104, 3110, 3114, 3118, 3120, 3121, 3752, 3753, 4542, 4584, 4587, 4592, 4593, 4595, 4596, 4597, 5969, 6305, 7611
ecological effects 319, 1577, 2614, 3105, 3115, 3117, 3120, 3121, 3754, 4592, 4596, 4597, 5424, 5969, 7659
economics 319, 4593, 5424
equipment 4091
form and methods 1137, 1553, 1576, 1577, 1578, 2093, 2096, 2098, 2100, 2103, 2406, 2556, 2559, 2564, 2572, 2579, 2580, 2948, 3083, 3084, 3092, 3095, 3098, 3100, 3102, 3103, 3104, 3113, 3114, 3118, 3120, 3121, 3397, 3731, 3752, 3753, 4091, 4584, 4586, 4587, 4588, 4592, 4593, 4595, 4596, 4597, 5663, 5969, 6294, 6300, 6302, 6303, 6304, 6305, 6306, 7015, 7019, 7020, 7645, 7648, 7658
persistence 534, 1578, 2406, 2580, 3118, 3754, 4597, 6305, 7015
phytotoxic effects 2579, 7658
pollution problems 2101, 2102, 2406, 3107, 3109, 3110, 3112, 4592, 4880, 4991, 7611
residues 534, 1578, 2101, 2102, 3114, 3118, 3120
safety precautions 3098, 3103
study methods 2102, 2183
toxic effects on animals and man 2955, 3083, 3098, 3107, 3108, 3111, 3119
translocation and metabolism 2955, 3119
Instruments for measurement and control, general 329, 790, 803, 835, 1352, 2334, 3907, 4021 (*see also* operation concerned)
Insurance and welfare, social 667, 5297, 5299
Insurance, forest(ry) 665, 1228, 5571
Integrated control 61
fungus diseases 3701, 3702
insect pests 4883, 6232, 6254, 6963, 6995
Interception of precipitation (*see* Precipitation, hydrological aspects)
International aid and collaboration 652, 1610, 3221, 3223, 3952, 4724, 4885, 5031, 5040, 5169
International organizations 1632
International Union of Forestry Research Organizations (IUFRO) 1687, 1690, 3158, 4723
Inventory, forest 942, 1386 (*see also* Regeneration surveys; Surveys, aerial; Surveys, forest; Volume determination, tree and stand)
book 1622
complete inventory 7359
conferences, symposia 315
'continuous inventory' 315, 5327, 5330, 5337, 5339, 5341, 5348, 5350
damaged timber 5832, 7362
data recording and processing 303, 307, 1394, 1630, 2366, 4203, 4864, 5834
economics 303, 304, 317, 2789, 2792, 5328, 7359
labour aspects 822, 823

Inventory, forest *contd.*
national or regional 287, 302, 303, 304, 305, 306, 307, 308, 309, 311, 312, 314, 316, 317, 1392, 1393, 1622, 1869, 2365, 2366, 2367, 2788, 2789, 2791, 2792, 3269, 3502, 3503, 3504, 3505, 3506, 3507, 3895, 3896, 4203, 4862, 4867, 4868, 5314, 5327, 5329, 5330, 5331, 5333, 5334, 5335, 5336, 5343, 5345, 5346, 5347, 5348, 5349, 5350, 5351, 5352, 5353, 5354, 5545, 5832, 5833, 5834, 6480, 6674, 6676, 6677, 6678, 7361
review 5834
sampling methods 303, 304, 305, 306, 308, 310, 312, 315, 316, 317, 625, 1390, 1391, 1392, 1622, 1869, 2365, 2367, 2369, 2371, 2787, 2789, 2792, 2793, 3241, 3502, 3504, 3505, 3506, 3508, 3896, 3910, 4199, 4200, 4201, 4202, 4204, 4822, 5023, 5485, 5830, 5831, 5834, 5989, 6468, 6674, 6675, 6676, 6679, 7031, 7358, 7360, 7364
systems analysis and simulation 2367, 2787, 3502, 5830, 6674
work studies 7168
Investment (*see* Financing, investment policy)
Iran
afforestation 4798, 5165
browse 5241
choice of species 5541
development, forestry 5165, 5541
diseases, tree 504
grazing and pasture 5241, 5541
land use 4945
nature conservation and reserves 4945, 5460
trees and shrubs 7301
vegetation types 1514
Iraq
diseases, tree 2026, 6193
nursery management 213, 214, 215
Ireland
deforestation 6086
palaeoecology 6086
Ireland, Northern
labour, forest 5259
surveys, forest 5334
Irish Republic
diseases, tree 2513
Formica lugubris 7000
legislation 1143
peatlands 3495
plantations 5707
provenance studies 1690
recreation, forest 2171
surveys, forest 284, 5351
weed control 5707, 5711
wildlife 1143
Irrigated stands 1250, 2147, 2148, 2289, 3314, 4187, 4763
Irrigation 1887, 2937, 3365, 3368, 6565
effect on soil 5694, 6548, 6550, 6553, 6558, 6560, 6561, 6562
with sewage 1703, 5884, 6548, 6550, 6551, 6552, 6553, 6558, 6560, 6561, 6562, 6563, 6564, 7223
Israel
coppice 4794
Eucalyptus camaldulensis 4794
fire 925
propagation 1270
recreation 3161
site preparation 2734
Italy
afforestation 1167, 5093, 5150, 5382
agrisilviculture 5201
biological control 1137, 2098, 2099, 7654, 7655
breeding, tree 1023, 1990, 2052
Castanea sativa 5208
Ceratocystis ulmi 7583
climate 7376
communal forest(ry) 1649
coppice 220, 725, 814, 2190, 2191, 2192
Coroebus fasciatus 7639
credits and subsidies 5319
deforestation 5476
development, forestry 1648, 2190, 2191, 2192, 5103, 5158
diseases, tree 480, 1816, 2052, 3232, 7579
Italy *contd.*
ecology 926
economics, forestry 299, 324, 644, 1650, 2191, 2192, 5082, 5319
education and training 299, 7161
erosion 575
farm forest(ry) 5102
fertilizers 3380
fire control 892, 926, 2424, 5345, 7434, 7440
flora/check lists 417, 1962
forest administration 91, 647, 649, 5082
forest policy 650, 1218, 5436, 7145
fungi 1086, 7589
grazing and pasture 5108
history, forest(ry) 5121, 7145
hydrology 1156, 7308, 7693
improvement planting 3650
labour, forest 5258, 5265
land use 323, 650, 3509, 5093, 5102, 5346
legislation 91, 650, 664, 1218
management, forest 91, 299, 648, 1175, 1648, 1649, 5345, 5431, 5436, 7145, 7308
maps, forest 321, 322, 5346
measurement systems, units 1804
medicinal plants 3465
mountain forests and forestry 5121, 5258
nature conservation and reserves 575, 648, 664, 1175, 5450
nematodes 2567
nursery management 2273, 7204
plantations 776, 814
pollen 3621
Populus 776, 5265, 6621
precipitation 7052
private forest(ry) 1648
productivity, forest 800, 1816, 6654, 6655, 6656
provenance studies 692
public relations 111, 877
recreation, forest 877, 5476, 7308
regeneration, natural 238
remote sensing 3509
research 7161
resources, forest 1650
seed production 5450
silviculture 5370
soil types 846
sowing, direct 5368
spacing 2751
statistics, forest 5346
surveying and mapping 321, 322, 323, 7504
surveys, forest 316, 5345, 5347, 7308
taxation 102
termites 3727
Thaumetopoea pityocampa 6953
thinning 238, 2751
timber trade 644
Tuber melanosporum 5234
vegetation types 648, 2476, 3650, 7504
vegetational history 646
wildlife 5450
yield studies 298
yield tables 814
Ivory Coast
deforestation 5142
development, forestry 5142
land use 2387
precipitation 871
provenance studies 131, 150, 151, 152, 681
vegetation types 340, 871, 1817
Jamaica, catchment areas, management 5047
Japan
birds 4615
breeding, tree 1028
deforestation 5417
development, forestry 5076
diseases, tree 1028, 2518, 6906
economics, forestry 5111
education and training 4912
environmental conservation 4990, 5417
fertilizers 1273, 2699
forest administration 5126
forests and forestry 4748, 5076
fungi 6909
history, forest(ry) 5324
labour, forest 5290
landscape 2152
Japan *contd.*
management, forest 4936, 5005, 5324
mangroves 1456
mycorrhiza 3678, 3680, 7562
national parks 4686
nematodes 1570, 4577, 4581
nursery management 3545
Pinus densiflora 1411
P. thunbergii 1411
productivity, forest 4243
provenance studies 5359
seed production 1022, 1028, 2966
shelterbelts 2152
silviculture 4748
soil survey 3545
vegetation types 1009, 1010, 4413
yield studies 1384
Japan, Hokkaido
breeding, tree 3706
diseases, tree 3706
grazing and pasture 3410
Operophtera brumata 3079
plantations 3410
yield studies 3499
Japan, Honshu
bamboos 7678
breeding, tree 3597
browse 7678
Cryptomeria japonica 472, 3641
Dendrolimus spectabilis 4586, 4587
Diprion nipponica 3748
diseases, tree 3707
ecology 429
Lymantria dispar 2067
pollution, air 4274
pollution, general 7322, 7490
productivity, forest 1373, 3483, 7322
Scolytidae 3739
seed production 7490
vegetation types 430
wildlife 7678
Japan, Shikoku, regeneration, natural 4068
Jordan, national parks 7087
Juvenile wood 466
Kenya
breeding, tree 6834
development, forestry 5166
economics, forestry 5844
fishing and fishery management 4634
forests and forestry 1653, 5045
legislation 1226
mining wastelands 3143
national parks 7087
nature conservation and reserves 1226, 1653
reclamation of degraded land 3143
vegetation types 4633, 5222
wildlife 4633, 5222, 6352
yield studies 619, 2348
Keys, taxonomic 222, 992, 993, 1481, 6791, 6792, 7493, 7494, 7495, 7496, 7498, 7501, 7632
Kockum processor 3284
Korea
associations, societies 5128
breeding, tree 1025
economics, forestry 1408, 5844
forest ownership 5128
fuel plantations 5844
Pinus densiflora 1533
pollen 1481
provenance studies 1695, 7515
regeneration, natural 7319
seed production 5452
species trials 7538
wildlife 5452
wind damage 1415
Labour, forest 667, 669, 760, 781, 822, 823, 1203, 1232, 1236, 1237, 1238, 1239, 1240, 1319, 1668, 1669, 1671, 1672, 1674, 1848, 2229, 2230, 2674, 2675, 2676, 2677, 2678, 2679, 2747, 3278, 3285, 3286, 3288, 3289, 3290, 3291, 3293, 3294, 3295, 3296, 3297, 3450, 3914, 3942, 3993, 4724, 4896, 5003, 5089, 5148, 5251, 5252, 5253, 5254, 5255, 5256, 5257, 5258, 5259, 5260, 5261, 5262, 5263, 5264, 5265, 5266, 5267, 5268, 5269, 5270, 5274, 5278, 5280, 5281, 5287, 5288, 5289, 5290, 5291, 5292, 5293, 5294, 5295,

Labour, forest *contd.*
5296, 5297, 5299, 5300, 5301, 5302, 5303, 5304, 5305, 5306, 5307, 5308, 5309, 5310, 5311, 5312, 5313, 5586, 5587, 5588, 5589, 5590, 5591, 5592, 5593, 5594, 5599, 5600, 5601, 5602, 5678, 5708, 6511, 7166, 7168, 7736
Lac 2331
Lammas growth 350, 376, 2924
Land classification 3146, 7068, 7069, 7070, 7071, 7072, 7073, 7074, 7076, 7333
Land clearing 1784 (*see also* Site preparation)
Land use
abandoned farmland 4652, 7747
bibliography 6409
book 2617, 4673
classification 1219, 1600, 3167, 3546, 4211, 5826, 7062, 7070, 7073, 7723
conferences, symposia 572, 2159, 3182, 3828, 3829, 5872, 5896
data recording and processing 1169, 1600, 6404, 6405, 6406, 6407
economics 1401, 2161, 2165, 2374, 3148, 3831, 3832, 5538, 6422, 7717, 7721, 7722
legislation 659, 1216, 1219, 3209, 3964, 4291, 6398, 7717, 7720
maps 1154, 3830, 4663, 6402, 7716
planning 323, 418, 573, 622, 659, 662, 849, 923, 1154, 1168, 1170, 1171, 1172, 1193, 1199, 1216, 1401, 1601, 1602, 1635, 1636, 2143, 2159, 2161, 2162, 2163, 2164, 2178, 2236, 2374, 2599, 2614, 2619, 2620, 2794, 3144, 3145, 3147, 3148, 3149, 3156, 3185, 3191, 3206, 3209, 3509, 3756, 3757, 3758, 3759, 3827, 3831, 3832, 3892, 3895, 3897, 3909, 3915, 3949, 3950, 3961, 3964, 4290, 4291, 4295, 4599, 4661, 4662, 4663, 4664, 4665, 4666, 4667, 4670, 4672, 4673, 4674, 4691, 4711, 4731, 4732, 4770, 4931, 4942, 4945, 4947, 4982, 5016, 5093, 5097, 5098, 5107, 5120, 5172, 5202, 5217, 5346, 5413, 5418, 5421, 5437, 5826, 5835, 5872, 6096, 6398, 6400, 6403, 6410, 6418, 6428, 6449, 6462, 6494, 6672, 7054, 7063, 7064, 7065, 7066, 7075, 7077, 7078, 7080, 7081, 7082, 7688, 7715, 7717, 7718, 7719, 7720, 7723, 7745, 7746, 7747
policy 659, 2616, 3757, 3828, 3829, 4726, 4727, 4729, 4731, 4732, 6398, 7066, 7067, 7070, 7715, 7720, 7724
relation to soil 17, 849, 2387, 3145, 5134
study methods 639, 5016, 6398
Landscape 581, 1170, 1173, 2636, 3191, 5486, 5972, 6026, 6399
standard 7096
Landscape and forestry 219, 580, 1184, 1618, 2152, 2357, 3167, 3172, 3185, 3849, 3853, 4712, 4887, 4933, 4941, 5414, 5428, 5518, 5527, 6441, 7130, 7733, 7735, 7736, 7738, 7739, 7741
book 6443
Landscape ecology 2635, 3184, 3852, 3854, 3855, 3932, 5850, 6442, 7731, 7732, 7737, 7742, 7743, 7744, 7745, 7746, 7747
book 3856
Landslides 4630, 5184, 5897, 6309, 6580, 7696
Late wood (*see* Early and late wood)
Leaf, anatomy 376, 1441, 1442, 2429, 2440, 2445, 4316, 6029, 6030, 6861 (*see also* Epidermal structures, plant; Stomata)
cytology 2445
growth and development 1359, 1439, 2897
measurement 1359, 1455
morphology 263, 375, 376, 1441, 1455, 2445, 4316, 4445, 6027, 6030, 6161, 6767, 6851, 6861, 7473, 7474, 7552
physiology 19, 401, 615, 966, 979, 2443, 2445, 2913, 6030, 6828, 7473
shedding 37
Leaf crops 7304
Legislation 91, 101, 650, 660, 663, 664, 1143, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1659, 1660, 1661, 1662, 1844, 2215, 3001, 3069, 3208, 3209, 3272, 3273, 3274, 3845, 3929, 3938, 3939, 3964, 3965, 4673, 4735, 4745, 4979, 4980, 5104, 5271, 5273, 5401, 5518, 5530, 5533, 5569, 5570, 5875, 5974, 5975, 6345, 6389, 6446, 6497, 6570, 6571, 7079, 7089, 7156, 7731
Lesotho
education and training 1229
flora/check lists 992
Lianes (*see* Climbers)
Liberia, trees and shrubs 6794
Licences (*see* Concessions and licences)
Lichens 999, 1426, 7506
Light
canopy effects 5021
ecological aspects 14, 1010, 4327, 6698
light relations of species 328, 371, 386, 387, 609, 812, 1335, 1943, 1955, 2802, 2907, 2915, 3514, 3609, 4176, 4327, 6057, 6778, 7467, 7520
physiological aspects 387, 396, 836, 967, 986, 1031, 1335, 1943, 1951, 1952, 2802, 2907, 2909, 2915, 3514, 4176, 4327, 4334, 6057, 6698, 6778, 6779, 7217, 7467, 7486, 7526 (*see also* Photoperiodism; Photosynthesis; Seedlings, light relations)
Lightning damage 330
Lightwood (*see* Resin-tapping)
Lignin 2439, 6047
Lignotubers 1412
Line planting/sowing (*see* Improvement planting)
Litter, forest (*see also* Humus, surface)
accumulation 29, 30, 31, 32, 35, 861, 3529, 3530, 3534, 3535, 3549, 3563, 3569, 4243, 4244, 4278, 5909, 5916, 5997, 6560, 7389
bacteria 7402
chemistry and nutrient relations 31, 868, 966, 1886, 2353, 2394, 2395, 2405, 3530, 3531, 3551, 3563, 3569, 3570, 4248, 4261, 4278, 5694, 5908, 5913, 5914, 5915, 5916, 5917, 6702, 6707, 6716, 6888, 7102, 7340, 7388, 7391, 7392
decomposition 32, 33, 34, 37, 237, 848, 943, 1422, 2391, 2395, 2396, 2405, 2815, 3372, 3528, 3529, 3533, 3563, 3877, 4243, 4245, 4247, 4248, 4278, 5909, 5910, 5911, 5912, 5917, 6560, 6706, 6709, 7388, 7389, 7390
effect of fire 2840, 3535
effect on seedling regeneration 221
flora and fauna 848, 2820, 3551, 3552, 3671, 5927, 6706, 6746, 6981, 7404
moisture relations 966, 3536, 5909, 7388, 7390
quantitative measures 1009, 1885, 1886, 2391, 3485, 3531, 3534, 3569, 4246, 5694, 5819, 5915, 5916, 7102, 7322, 7389
removal 873, 2353, 2388, 3533, 3548, 3551, 3561
respiration 1422, 5917, 6746, 7390
soil relations 5909
study methods 1885, 3529, 3533, 5917, 7390, 7404
thermal relations 7390
Liverworts 1515
Lizards 2586
Loans (*see* Credits and subsidies)
Logging
amenity aspects 4989
conferences, symposia 6728
damage 770, 1288, 1289, 1316, 1894, 1897, 2725, 2831, 6733, 6890, 7429, 7430
ecological effects 662, 1288, 1289, 2347, 2725, 4989, 5901, 5902, 6728, 6729, 6731, 6732, 6734, 6735, 6736 (*see also* Clear felling, effects, ecological)
economics 1239
effect on soil 2831, 5901, 5902, 5903, 7385
erosion effects 5897, 5898, 5899, 5900, 6730, 7692
Logging *contd.*
hydrological effects 5903, 5981, 6730, 6731, 7684, 7692
labour aspects 1239
machines, tools, equipment 7292, 7385
mechanization 1288, 1289, 2831, 7320, 7429, 7430
planning, organization 1288, 1289, 2831
statistics 3960
terrain classification and effects 6684, 6685
whole-tree 1383
work studies 1288, 1289
Logging machines
design 779
makes and specifications 779
Lupins 716, 2388, 2389, 3357, 3822, 3826, 6395
Lynx 6330
Lysimeters 2602
Madagascar
fire control 6606
trees and shrubs 411
weed control 6606
Madeira, vegetation types 4405
Makeri tractor 4125
Malawi
choice of species 3315
Phoracantha semipunctata 535
provenance studies 131
soil types 3315
trees and shrubs for 3315
yield studies 619
Malaya
birds 28
canes and rattans 991, 6792
development, forestry 3219
diseases, tree 6882
flora/check lists 4362
insects 7598
mangroves 2725
microclimatology, micrometeorology 21
nature conservation and reserves 1606
productivity, forest 21, 22
recreation, forest 1606
regeneration, natural 2725
review 6882
termites 26, 27, 33, 34, 3075
vegetation types 37
wildlife 1139, 2582, 2583
Malaysia
management, forest 5391
nature conservation and reserves 4695
shifting cultivation 5192
termites 2587
vegetation types 4409
Malaysia, West
silviculture 4808
termites 4536
vegetation types 14
Mali, erosion 1598
Mammals, general 2106, 2585, 4633, 4695, 6736, 7025, 7111
book 3129, 4613
Mammals, small 742, 1140, 1568, 2127, 2584, 3792, 4027, 5738, 6001, 6172, 6314, 6318
Management, forest 85, 88, 645, 648, 659, 698, 818, 921, 1851, 3256, 3263, 4999, 7309 (*see also* Working plans; Yield regulation and forecasting)
bibliography 1388, 3932
book 1827, 4198, 4673
cooperative 3833
data recording and processing 1196, 1389, 1865, 3977, 3979, 4206, 6582, 7308
ecological aspects 561, 913, 1138, 1350, 1389, 1609, 1864, 2364, 3184, 3203, 3502, 3637, 3932, 4231, 4624, 4665, 4834, 5184, 5413, 5426, 5428, 5429, 5431, 5432, 5434, 5827, 5829, 6674, 6825, 7065, 7077
economic aspects 299, 300, 657, 769, 831, 1208, 1649, 1832, 1880, 2414, 3257, 3273, 3501, 4196, 5052, 5152, 5432, 5525, 5824, 5825, 5829, 6513, 6670, 6672, 6673, 7354, 7357
management units 1351, 1641, 5532, 6440

Management, forest *contd.*
multiple use 76, 81, 82, 300, 622, 997, 1138, 1175, 1199, 1405, 1602, 1607, 1644, 1840, 1864, 2164, 2165, 2357, 2414, 2620, 3147, 3148, 3149, 3163, 3165, 3182, 3756, 3757, 3758, 3759, 3892, 3909, 3950, 4290, 4599, 4664, 4672, 4673, 4674, 4749, 4752, 4753, 4834, 4878, 4890, 4933, 4934, 4935, 4936, 4938, 4939, 4940, 4943, 4944, 4946, 4952, 4998, 5052, 5070, 5071, 5088, 5097, 5099, 5104, 5105, 5136, 5160, 5200, 5208, 5245, 5413, 5416, 5427, 5436, 5444, 5445, 5490, 5825, 5828, 6410, 6418, 6419, 6478, 6484, 6494, 6671, 6672, 7065, 7067, 7080, 7169, 7351, 7353, 7715, 7718, 7720, 7722
organization 91, 1387, 1410, 1834, 1845, 1864, 2357, 2798, 3977, 3979, 4195, 4197, 5324, 5552, 5593, 6644, 6673, 7064, 7065
periodicals and serials 2182
principles, theory 95, 117, 299, 300, 1829, 1855, 1864
review 1386
silvicultural planning 219, 258, 301, 302, 576, 657, 671, 820, 1175, 1195, 1206, 1208, 1219, 1220, 1235, 1388, 1389, 1630, 1634, 1638, 1644, 1648, 1649, 1745, 1829, 1853, 1860, 1864, 1866, 2219, 2281, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2667, 2723, 2785, 2786, 3239, 3257, 3359, 3500, 3501, 3637, 3930, 3938, 4195, 4196, 4197, 4198, 4661, 4751, 4752, 4875, 4876, 4887, 5043, 5066, 5104, 5159, 5314, 5340, 5342, 5349, 5354, 5390, 5391, 5392, 5393, 5394, 5396, 5397, 5398, 5399, 5400, 5525, 5552, 5566, 5577, 5772, 5786, 5824, 5826, 5827, 5829, 5838, 5899, 6319, 6370, 6440, 6582, 6618, 6622, 6644, 6669, 6670, 6673, 6680, 7139, 7144, 7152, 7154, 7286, 7295, 7352, 7353, 7354, 7355, 7356, 7394, 7432, 7663, 7734, 7736, 7740
systems analysis and simulation 301, 636, 819, 1195, 1196, 1830, 1831, 1832, 1833, 2364, 3147, 3163, 3165, 4198, 4751, 5371, 5577, 5828, 5829, 6418, 7077, 7353, 7354, 7356
Mangrove forest 1017, 1456, 3704, 5224
management 6821
silviculture 7080
utilization 1868
Mangroves 1456, 2599, 2725, 2981, 3529, 4325, 5991, 6822, 7498, 7506
book 3648
Manure (*see* Fertilizers, animal products)
Mapping (*see* Surveying and mapping)
Maps 97, 321, 322, 435, 837, 2983, 3830, 6410, 6804 (*see also* subject or geographical region concerned)
book 7716
Marketing of forest products 1849
Marking, trees 1325
Marking equipment 1325
Marsupials 7032
Mathematical and statistical methods 72, 638, 1196, 1351, 1366, 1629, 1878, 1911, 2185, 2187, 2370, 2781, 3908, 3910, 4088, 4159, 4189, 4654, 4666, 4867, 6217, 6418, 6423, 6464, 6465, 6466, 6467, 6468, 6639, 6850, 6851, 7051, 7138, 7188, 7297, 7344, 7382, 7723
Measurement of roundwood
conversion factors 3471
data recording and processing 268, 791, 2339, 3249, 7739
economics 793, 3471
equations 7311
instruments and equipment 1796, 1797, 3470
sampling methods 270, 1797, 3249, 3470, 4199, 4200
tables 268, 2338
theory 273
volume of logs 273, 4161
volume of stacked or bundled products 2338, 3471
weight 348, 793, 796, 3467, 3471
whole-stem 2341
Measurement of sawn timber 4172
Mechanization in forestry, general 1207, 4827, 5004, 5008, 5099, 5147, 5396, 5397, 5401
economics 764, 1238, 1775, 1776, 1778, 1779, 1780, 2377, 2677, 2678, 2747, 3510, 3512, 4085, 4740, 5279, 5599, 5602, 5842, 7369
labour aspects 1232, 1237, 1238, 1670, 1781, 2226, 2227, 2228, 2675, 2677, 4740, 5279, 5599, 5600, 5601, 5602
machine operation, servicing, repair 758, 759, 1237, 1670, 1780, 2747, 3593
machine types and design 248, 251, 750, 778, 788, 1284, 1310, 1311, 1312, 1313, 1340, 1774, 1776, 1777, 1778, 1779, 1781, 1782, 1783, 1786, 2312, 2313, 2326, 2756, 3593, 4085, 4298, 5781, 6624, 7291, 7292, 7293, 7296, 7297
planning, organization 1321, 2228, 2377, 3980, 4126, 4741, 4742, 4743, 6622
vibration/noise 1232, 1781, 3284, 6512
work studies 251, 759, 764, 1312, 1313, 1775, 1776, 1777, 1778, 1779, 2312, 2746, 2756, 3125, 3284, 3980, 5599, 5600, 5601, 5781, 6624, 7291
Medicinal plants 256, 588, 1347, 2333, 3465, 4153, 5405, 5789, 6629, 6635, 7305
Mediterranean region
afforestation 6396
birds 914
conferences, symposia 893
conifers 7107
fire 893, 908, 914, 6088
fires, forest 2423
succession 6088, 6396
vegetation types 6396
vegetational history 908
Mensuration, forest 278, 1013, 5577, 7325
data recording and processing 266, 1799, 7150, 7311
growth and yield 244, 311, 2793, 5364, 6021, 7311
instruments, multi-purpose 5332
tables 3468, 4154, 6468, 7310
Meteorology 5938
Mexico
Annonaceae 6767
biological control 2561
birds 3131
book 3631
browse 7305
climate 2378
Dendroctonus frontalis 6995
development, forestry 5129, 5149, 5163
diseases, tree 6883
farm forest(ry) 3152
flora/check lists 2974, 3631
forest industry 5385
forest production 6492
forests and forestry 3266, 5385, 5551
hydrology 1146
land use 3147, 3148, 3149
Machaerium 6797
management, forest 3147, 3148, 3149
maps 435
medicinal plants 7305
Moraceae 7472
nature conservation and reserves 369
palaeoecology 6810, 6811, 6812
pollen 7472
productivity, forest 1812
propagation 201
provenance studies 6529
regeneration, natural 222
reserved forest 4728
resin-tapping 786
resources, forest 3269
Rhyacionia frustrana 2561
seed production 5237
statistics, forest 3269, 6677, 6678
surveys, forest 5330
trees and shrubs 427, 2895, 7305
useful plants 3149, 3150
vegetation types 433, 435, 6806
wildlife 3266
Mice, voles and rats 1141, 2955, 3119, 3126, 3787, 3788, 3795, 6226, 6318, 6322, 6532, 6563, 7203
Microclimatology, micrometeorology 13, 21, 5926, 5940, 5943, 5948, 5988, 6564, 7251, 7255, 7375, 7425
review 7426
Microscopy 847, 972, 1087, 1486, 6042
Mining wastelands 456, 569, 1084, 2613, 2812, 3143, 3252, 4658, 4660, 5714, 5867, 5877, 5881, 6334, 6395, 6397, 6567, 6568, 6569, 6708, 7060, 7708, 7709, 7710, 7728, 7731 (*see also* Afforestation, mining wastelands)
Minor forest products, general 1342, 1438, 1636, 3896, 4674, 5166, 5224, 5264, 5402, 5406, 5408, 6634, 7306, 7307, 7351
Mistletoes 520
biology and ecology 57, 380, 521, 1112, 1889, 2060, 2525, 3070, 3716, 3717, 3725, 4465, 6884, 6922
control 3717, 4627
diseases 6922
Mites 337, 341, 545, 850, 1550, 1569, 2526, 2821, 3093, 4562, 4563, 5925, 6197, 6258, 6286, 6746, 7104
Mixtures
increment and yield 125, 240, 1769, 2305, 2784, 3520, 3822, 4107, 4108, 4109, 5762, 6661, 7270, 7331, 7348
management 1768, 2306
measurement, tree and stand 277, 6021, 7238, 7348
silviculture 277, 1930, 2305, 7238, 7270
vs. pure stands 240, 2305, 2385, 3520, 4003, 4109
Moisture meters (*see* Soil water, measurement)
Moisture, wood
distribution and variation within the tree 737
measurement 401
Molluscs 37, 2049, 6775
Mongolia, development, forestry 7149
Monkeys 2582, 2584, 7037
Moose (*see* Elk (moose, *Alces*))
Mor (*see* Humus, surface)
Morocco
climate 2801, 4766
coppice 4802
dendrochronology 3173
development, forestry 1221
insects 6213
legislation 1221
plantations 6213
vegetation types 2801
Morphology, plant 6807, 7459
Mortality (*see* Stand characteristics, mortality/survival)
Moss 1515, 2457, 4366, 6126, 6721, 7507
Mountain forests and forestry 3189, 3190, 3917, 4404, 5121, 5144, 5186, 5258, 5274, 5392, 5433, 5518, 5576, 7715
Mozambique
Bombacaceae 7493
epiphytes 7499
hunting 4621
Meliaceae 7495
Olacaceae 7496
Opiliaceae 7497
Rhizophoraceae 7498
Sterculiaceae 7494
wildlife 4621
Mulching 598, 999, 4798, 5187, 6463, 7415
Mull (*see* Humus, surface)
Mutagens 469, 1976, 7508, 7524
Mycoplasmal diseases of trees 517, 2059, 2522, 2523, 3063, 3064, 4521, 6151, 6913
review 6914
Mycorrhiza
classification, types 2613
culture techniques 7564
ecological aspects 185, 1537, 1538, 2495, 3670, 3672, 3677, 3678, 3680, 6167, 6170, 6874, 6875, 6877, 6879, 6881, 7560, 7711
effect of insecticides 3674
effect of soil treatment 483, 2497, 4048, 7135
effect of weedkillers 4486
effect on soil 338, 3528
inoculation 2494, 2496, 3021, 3679, 4048, 5323, 6175, 6366, 6876, 6878, 7135
interaction with soil fungi 3692
morphology 6173, 7562, 7564

Mycorrhiza *contd.*
mycorrhizal fungi 483, 484, 485, 597, 1082, 1534, 2022, 2027, 2493, 2494, 2496, 3528, 3670, 3674, 3677, 3678, 3679, 3680, 4048, 4261, 6167, 6169, 6170, 6171, 6173, 6174, 6175, 6366, 6871, 6874, 6875, 6876, 6877, 6878, 6879, 7135, 7560, 7561, 7562, 7563, 7564
nutritional physiology 484, 2495, 2497, 3022, 3675, 3676, 3878, 4261, 6169, 6174, 6878, 7420
water relations 1082, 7222

National parks 3957, 4368, 4686, 4690, 4692, 4695, 5221, 5449, 5470, 5475, 5542, 5561, 6431, 6432, 6434, 7087, 7718, 7725, 7727
see also Nature conservation and reserves
Nature conservation and reserves 77, 79, 89, 100, 369, 419, 556, 575, 576, 577, 648, 655, 664, 913, 920, 927, 948, 952, 1007, 1011, 1171, 1174, 1175, 1176, 1215, 1216, 1223, 1224, 1226, 1515, 1604, 1606, 1608, 1610, 1611, 1612, 1613, 1614, 1619, 1653, 1654, 1858, 1859, 1974, 2125, 2128, 2167, 2168, 2169, 2197, 2199, 2220, 2455, 2464, 2625, 2626, 2633, 2634, 2670, 3008, 3127, 3146, 3153, 3154, 3155, 3156, 3271, 3635, 3649, 3669, 3781, 3834, 3835, 3836, 3837, 3838, 3858, 3927, 4399, 4636, 4637, 4680, 4681, 4682, 4683, 4684, 4685, 4689, 4692, 4694, 4695, 4697, 4698, 4699, 4700, 4701, 4702, 4861, 4927, 4930, 4932, 4937, 4944, 4945, 4947, 4948, 4949, 4959, 4970, 4971, 4972, 4974, 4975, 4976, 4977, 4978, 4979, 4980, 4981, 4982, 4983, 4984, 4985, 4986, 5007, 5268, 5412, 5415, 5440, 5446, 5447, 5450, 5453, 5454, 5455, 5456, 5457, 5458, 5460, 5462, 5464, 5466, 5467, 5470, 5544, 5570, 6122, 6162, 6336, 6422, 6423, 6424, 6425, 6428, 6429, 6433, 7088, 7309, 7681, 7718 (*see also* Conservation, soil and water; National parks; Protection forest; Wilderness; Wildlife, conservation and management)
book 366, 7724
Naval stores (*see* Resins; Turpentine)
Nectar 3515, 6064, 6633, 7470
Needles (*see* Foliage; Leaf)
Nematodes 4579, 4581
in animals 525, 2097, 2573, 2574, 2577, 2578, 4577, 4578, 4580, 6965, 7643
in plants 466, 546, 1570, 2090, 2567, 2568, 2569, 2570, 3094, 4577, 6288, 7013
in soil 547, 2291, 3550, 6287, 7013, 7104, 7119
Nepal
catchment areas, management 5542
development, forestry 3213, 5542, 6485
forests and forestry 5542, 6485
national parks 5542
wildlife 5542
Netherlands
afforestation 839, 2153, 6669
amenity forests, parks 7165
aquaculture 2141
arboriculture 2711, 6451
biological control 2097
breeding, tree 4018, 6205, 7535
choice of species 93, 839, 4003, 4712
Christmas trees 7417
development, forestry 1644
diseases, tree 6205
documentation and information services 3971
ecology 77
economics, forestry 1645, 2374, 3920, 6670, 7082
energy resources 2232
environmental conservation 2212
fertilizers 207, 3376, 3377, 5502, 5695, 7417
flora/check lists 3632
forest administration 1644, 2359, 2361
forest ownership 2189
forest site classification 5374
forests and forestry 77, 87, 2212

Netherlands *contd.*
grazing and pasture 2631
insects 2526
labour, forest 2226, 2227, 2228
land use 76, 2374, 6400, 6422, 7082
landscape 4712, 4933, 5486
Lymantria monacha 2558
machines, tools, equipment 1341, 1706, 1786, 2312
management, forest 76, 81, 85, 1644, 2357, 2359, 2361, 2362, 4933, 6669, 6670
mechanization of forest operations 2226, 2227, 2228, 2326
nature conservation and reserves 77, 89, 6422
nursery management 1282, 2711, 2712, 6304, 7417
ornamental trees and shrubs 1282, 3632
Pinus sylvestris 89
plantations 4003, 4712, 5688, 6670
planting stock 2286
pollution, air 1893, 5435
pollution, general 3425
Populus 2286, 7535, 7536
private forest(ry) 1644, 3920
productivity, forest 1803
propagation 4018, 5641
provenance studies 1689
reclamation of degraded land 3376, 3377, 6669
recreation 77
recreation, forest 76, 2173, 5478, 5479, 7082
regeneration, natural 2280
research 2707, 5486
seed production 4018
silviculture 7536
site types 2362
soil types 2153, 3304
spacing 2349
species trials 3304
thinning 1673, 4096
trees and shrubs for 4003, 4712
vegetation types 2632, 4389
veteran or remarkable trees 4705
weed control 2292, 2312, 3425, 4272, 4273, 5695, 6720
wildlife 2593
wind damage 4389
work studies 1673, 1706, 7165
working plans 2357, 2361
yield tables 5374
New Caledonia
flora/check lists 416
vegetation types 4408
New Hebrides
forests and forestry 2670
nature conservation and reserves 2670
New Zealand
Acacia melanoxylon 6620
afforestation 3208
agrisilviculture 6412
apiculture 4152
arboriculture 772
Arhopalus ferus 2077
bees 4152
biological control 2738
birds 6108, 6390
catchment areas, management 5568
credits and subsidies 663
dendrochronology 4717
development, forestry 1212, 3208, 3224, 5060
diseases, tree 65, 1085, 2055, 3052, 3055, 3684, 3685, 3705, 3715, 4515, 6202, 7545
economics, forestry 832, 2161, 3511, 3684
education and training 3224, 5296
energy resources 2680, 5508
environmental conservation 6389
erosion 2737, 3817, 4651, 6364, 7026, 7055
Eulachnus brevipilosus 6363
farm forest(ry) 2160, 3151, 4679, 6419
fertilizers 716, 2829, 3339, 3351, 3353, 3354, 3356, 3357, 3358, 3360, 3362
fire control 1431
fish 3797
forest industry 1655
forest policy 100, 3501
forests and forestry 663, 2653, 5568

New Zealand *contd.*
fuel plantations 1243
grazing and pasture 4608
Hexatricha pulverulenta 2076
history, forest(ry) 1656
hunting 5568
hydrology 1152, 4630, 6390
insects 1571
Juglans nigra 1772, 3446
labour, forest 781, 5296, 5305
land use 2161, 4667, 6419
legislation 663, 3208, 6389
machines, tools, equipment 758, 759, 764, 765, 781, 1310, 1311, 1312, 1313, 1340, 1781, 2739, 4051
management, forest 100, 3359, 3501, 4890, 5434, 5577
mycorrhiza 3528, 6171, 6366
Myzocallis carpini 6942
nature conservation and reserves 100, 556, 1011, 1608, 1611, 4681
Nothofagus 294
nursery management 723, 2737, 2868, 3354, 3355, 4051, 6368, 6369
Ochrocydus huttoni 1125
Oemona hirta 1126
Pinus radiata 4879
plantations 1656, 1657, 2669, 2731, 3511, 5305
planting 1293
planting stock 1293, 6368, 6369
pollen 4375
Populus 7545
productivity, forest 808, 1372
propagation 7132
provenance studies 1245, 6363
Pseudotsuga menziesii 1428
reclamation of degraded land 6367
recreation, forest 3839, 4708
regeneration, natural 223, 1290, 3408, 4066, 6097
research 5577
seed production 3339
shelterbelts 1164, 3817, 6393, 7131
silviculture 729, 733, 4879, 5296, 5371
site preparation 3684
soil survey 849
soil types 6108
sowing, direct 6365
species trials 6364
surveys, forest 5341
taxation 663
thinning 758, 759, 764, 765, 781, 1310, 1311, 1312, 1313, 1781, 3576
tourist and holiday areas 5568
trees and shrubs 1501, 1963
vegetation types 223, 1011, 1015, 3797, 4066, 4410, 6108
vegetational history 422, 1001, 2977, 6097
weed control 1340, 2736, 2737, 2738, 2739, 2740, 5735
wildlife 555, 556, 1001, 1015, 1581, 4608, 7026
work studies 1312, 1313
yield studies 1378
Nicaragua
legislation 660
provenance studies 6529
resources, forest 660
statistics, forest 314
surveys, forest 314
trees and shrubs 994
Niger, breeding, tree 680
Nigeria
breeding, tree 154
development, forestry 2159, 5123
diseases, tree 4449
edible plants 2760
education and training 4926
fertilizers 3381
fuel resources 6515
labour, forest 5308
land use 2159, 2724, 3830
maps 3830
mycorrhiza 6878
plantations 4074
propagation 2693
provenance studies 131, 153, 4011
regeneration 2724
remote sensing 3830, 6686
research 5011
resources, forest 2660

Nigeria *contd.*
silviculture 2724, 5308
soil types 1417, 2420
species trials 4011
surveying and mapping 5834
surveys, forest 5834
termites 2066, 6923, 7604
Triplochiton scleroxylon 4444
vegetation 3830
vegetation types 4074
Nitrogen cycle 2825, 4270, 5503, 5964, 5966, 6281, 6548, 6718
review 3567
Nitrogen fixation 486, 487, 488, 490, 492, 1084, 2401, 2811, 2825, 3022, 3023, 3024, 3673, 3681, 3878, 4264, 5966, 6366, 6716, 6880, 7550, 7565
Nitrogen in plant physiology 4269
Noise and its control 568, 3993, 4707, 5494 (*see also* Forest influences (on), noise)
Nomenclature, common names of plants 993, 1002, 1505
Norway
afforestation 2775
bibliography 2647
birds 1144, 3775
breeding, tree 1251, 1980
browse 6340
dendrochronology 3860
economics, forestry 325, 1239, 1404
environmental conservation 6094
farm forest(ry) 1603
fertilizers 3369
fishing and fishery management 2130, 2384
forest policy 1239
fungi 6166
labour, forest 1239
legislation 5724
nursery management 1724, 3369, 3394
peatlands 2775
plantations 5706
pollution, air 838, 1144, 2381, 2799, 2813, 2815, 2817, 2818
pollution, general 354, 2647
pollution, water 2130, 2380, 2383
precipitation 2380, 2381, 2382, 2383, 2384, 2647, 2799, 2805, 2815, 2817, 2818
provenance studies 1688, 6519, 7515
recreation, forest 6094
regeneration, natural 5384
research 2649
site preparation 3775
soil survey 354
soil types 2813
surveys, forest 821
thinning 1322, 1380, 1383, 7143
Tomicus piniperda 3087
vegetation types 2382
weed control 232, 5706
wildlife 4609, 6340, 7036
yield studies 1383
yield tables 1380
Nurse and auxiliary species 576, 1768, 1769, 2385, 6055, 7255
Nursery management 2278, 2707, 2711, 5293, 5381, 7180 (*see also* Planting stock; Propagation, vegetative)
conferences, symposia 1457, 1466, 2874, 2882, 7120
cultivation under glass etc. 447, 1283, 1727, 3611
diseases and control 1095, 1282, 1678, 2025, 2274, 2709, 2713, 3039, 3065, 3392, 3397, 3682, 3902, 5323, 7593
economics 1279, 1458, 1730, 1736, 2272, 3392, 4335, 5598, 6588, 7128
fertilizing (*see* Fertilizers, application, nurseries and nursery stock)
frost protection 1279, 1416, 1724, 2269, 3394
history 720
irrigation 1887, 3368, 3369, 3370, 3393, 4052, 5894, 7123, 7208
lifting 216, 721, 1278, 1730, 1732, 1735, 4256, 6368, 6369
machines, tools, equipment 722, 1282, 1338, 1341, 1735, 1785, 4051, 4127, 7207
mechanization 719, 1279, 1282, 1338, 1734, 1735, 5598
Nursery management *contd.*
pests and control 546, 547, 1282, 1678, 3392, 3397, 6304, 7015, 7203
planning, organization 212, 608, 709, 1737, 2266, 2268, 2718, 3395, 3396, 4046, 5598, 7205
potting/rooting media 216, 1725, 1739, 2266, 2270, 2273, 2274, 2712, 2714, 2715, 2716, 2718, 2719, 2720, 3401, 3402, 3679, 4050, 5666, 5667, 5668, 7198, 7200, 7282
pre-conditioning of planting stock 3609
production of extra-large stock 1281, 2267, 7209
root pruning 1465, 1467, 1735, 2868, 2869, 2883, 3402, 5674, 6589, 7122, 7209
shading 213, 214, 812, 2710, 6578
soil and soil treatment 215, 334, 597, 598, 1279, 1282, 1729, 1731, 2266, 2267, 2706, 3392, 3393, 3545, 4047, 4049, 5669, 5894, 6579, 7199, 7204
sowing 723, 1279, 1726, 1785, 3402, 4855, 5894, 7207
spacing of plants 719, 2712, 2868, 3396, 6575
transplanting 1278, 1279, 1294, 1735, 2713, 2824, 2869, 2873, 2876, 2883, 4073, 4184, 4256, 4335, 5717, 5931, 6598, 7122, 7128
use of containers 215, 448, 596, 597, 604, 724, 1275, 1279, 1458, 1459, 1460, 1462, 1463, 1464, 1465, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1726, 1728, 1734, 1736, 1883, 2003, 2264, 2265, 2269, 2270, 2720, 2824, 2869, 2872, 2873, 2875, 2876, 2877, 2878, 2879, 2880, 2881, 2885, 2886, 2887, 2888, 3021, 3039, 3369, 3370, 3391, 3393, 3394, 3396, 3399, 3402, 3679, 4047, 4112, 4818, 5667, 5668, 5671, 5673, 6588, 6589, 7095, 7124, 7135, 7201, 7284, 7593
watering 2266, 2705, 3367, 3394, 4052
weed control 1282, 1725, 2271, 2294, 2737, 3401, 5670, 5695, 5700, 5715, 5716, 5717, 5721, 5729, 5730, 5732, 5740, 5741, 5894, 6579, 7204
wind protection 2263, 2868
wrenching 1278, 5598, 6056, 6368, 6598
Nutrient cycle 12, 346, 347, 662, 860, 864, 865, 903, 2347, 2405, 2995, 3570, 4261, 4263, 4268, 4650, 5819, 5878, 5879, 5880, 5890, 5960, 5964, 5968, 6547, 6553, 6656, 7102, 7427 (*see also* Carbon cycle; Catchment areas, nutrient cycle; Nitrogen cycle; Soil chemistry, nutrient cycle)
book 5850
review 7323
Nutrition, plant 872, 3876, 3877, 5959, 7391
Al 3566, 7224
B 1189, 3562, 3573
C 5960
Ca 345, 348, 378, 1423, 2404, 2826, 3562, 3566, 3573, 4268, 5960, 5962, 5967, 6715, 6717, 7347
Cl 3566, 5967
conferences, symposia 858
Cu 3562, 6717, 7224, 7347
Fe 3566, 3573, 7224
K 345, 348, 378, 969, 1423, 2404, 2826, 2827, 3562, 3564, 3566, 3573, 4268, 5962, 5967, 6650, 6715, 6717, 6904, 7347, 7431
Mg 345, 348, 378, 2404, 3562, 3566, 4268, 5962, 5967, 6715, 7347
minor elements 6650, 6719
Mn 349, 3562, 3566, 7224, 7347
N 345, 348, 378, 1424, 2404, 2827, 3366, 3369, 3562, 3564, 3566, 3573, 4182, 4183, 4264, 4265, 4266, 4268, 4269, 5962, 5964, 5966, 5967, 6279, 6715, 6717, 6880, 6904, 7224, 7347
Na 348, 3562, 3566, 5967
nutrient uptake 348, 808, 857, 867, 969, 2353, 2404, 2778, 2826, 3188, 3355, 3566, 3878, 4263, 4266, 4268, 5884, 5961, 5967, 6715, 6719, 7224
Nutrition, plant *contd.*
P 345, 348, 378, 478, 1424, 2398, 2404, 2826, 2827, 3562, 3564, 3566, 3573, 4261, 5961, 5962, 5963, 5967, 6715, 6717, 6904, 7224, 7347
reserves 2778
S 3566, 5883, 5967, 6715, 7347
Si 4268
study methods 478, 969, 3573
Zn 3562, 3573, 7224
Nuts and nut crops 731, 1344, 1772, 1931, 2314, 2315, 2522, 2933, 3251, 3446, 3650, 3963, 4135, 4138, 4778, 5208, 5232, 5783, 6156, 6626, 6628, 7298, 7300, 7301
Oils, essential 964, 1794, 2898, 4140, 4146, 4150, 4320, 5405, 6270, 6325, 6346, 6631, 6776
Oils, fixed 2316, 2317, 2438, 5782
Old and fossil wood 1445
Oleoresins (*see* Resins)
Opossums 555, 1015
Ornamental branches and foliage (*see* Decorative greenery, wreaths)
Ornamental trees and shrubs 180, 192, 331, 519, 578, 582, 609, 614, 689, 1107, 1189, 1282, 1341, 1937, 2269, 2274, 2523, 2637, 2638, 2641, 3074, 3632, 3857, 4353, 6443, 6453, 6454, 6527, 6859, 6887, 7633 (*see also* Christmas trees; Street trees)
Osiers 2326, 2327, 2328
Otters 2111
Pakistan
bamboos 2512
birds 2590
breeding, tree 6843
browse 4617
catchment areas, management 3808, 5176
diseases, tree 42, 2502, 2504
fertilizers 2324
forest administration 2375
forests and forestry 6484, 6486
Ichthyura anastomosis 7020
irrigated stands 2289, 3314
management, forest 2363
nursery management 2272
parasites and saprophytes 1889, 2525, 3716
planting 2284, 2288
planting stock 6576
provenance studies 691, 3314
resin-tapping 2319
seed production 2245, 6531
shelterbelts 2609, 3818
silviculture 2363, 2849
spacing 2311
species trials 4771
succession 4812
trees and shrubs 2849
vegetation types 2473, 6484
volume tables 2759, 6646
wildlife 2113, 2124, 2591, 3778, 3779, 3796, 4966
yield tables 2354
Palaeoecology 423, 424, 425, 1000, 1507, 2978, 4374, 6086, 6810, 6811, 6812, 7502 (*see also* Vegetation, general, history)
book 6808
Palms 373, 516, 985, 3039, 3064, 3634, 4549, 6806
Panama
fish 6360
wildlife 7028
Panama Canal Zone
book 413
flora/check lists 413
insects 3728
Papua New Guinea
catchment areas, management 6388
development, forestry 3209, 3222
diseases, tree 4514
erosion 6388
fishing and fishery management 6388
flora/check lists 6082
forests and forestry 99, 3271
insects 5115
land use 3209
legislation 3209
mangroves 2981
nature conservation and reserves 3271
provenance studies 143

Papua New Guinea *contd.*
regeneration, natural 734
remote sensing 5836
shifting cultivation 6401
succession 734
trees and shrubs 2428
vegetation types 4409
Paraguay, surveys, forest 2792
Parasites of insect pests 1557, 2088, 2097, 3097, 3727, 3747, 4585, 6232, 6950, 6952, 6954, 7017, 7618, 7654 (*see also* Bacterial diseases of insects; Bark beetles, parasites and predators; Fungus diseases of insects)
biology and ecology 1556, 2061, 2577, 2578, 3729, 4558, 4562, 4563, 6212, 6228, 6258, 6298, 6947, 6959, 7619, 7655
identification 6959
introduction/release 7655
laboratory rearing 7655
population studies and surveys 7016
Parasitic (higher) plants (*see also* Mistletoes)
Pasture (*see* Grazing and pasture)
Pathology, plant (*see* Phytopathology, general)
Paths 3844, 3846, 3847, 3848
Peatland 862, 867, 2775, 2816, 3389, 3422, 3495, 3826, 4042, 4088 (*see also* Afforestation, peatland; Soil types, peat)
Periodicals and serials 2181, 6508
biological control 3862
Chile 7100
ecology, forest and forestry, general 2182
India 5511
management, forest 2182
Peru
agrisilviculture 4675
development, forestry 2159
economics, forestry 4788
fertilizers 4853, 4854
forests and forestry 97, 573
hunting 1215
land use 573, 1219, 2159
legislation 1215, 1219
logging 3960
management, forest 1219, 4197
maps 97
medicinal plants 1347
minor forest products 1347
nature conservation and reserves 1215
plantations 4197
private forest(ry) 1219
productivity, forest 4788
regeneration, natural 4067, 4788
remote sensing 4210
silviculture 3997
statistics, forest 4203
wildlife 1215
Pesticides, general
book 1621, 3240, 5510, 5585
equipment 3448
legislation 1621, 3578, 5724
persistence 1584
pollution problems 2571, 3578
toxic effects on animals and man 3578
Phenology 360, 368, 784, 956, 1026, 2495, 3457, 3608, 4308, 4310, 4312, 5617, 5930, 6019, 6024, 6026, 6054, 6133, 6362, 6762, 6830, 6854, 7466, 7468, 7542
review 6023
Philippines
accidents 5287
Agrilus spp. 3745
agrisilviculture 5209
canes and rattans 3508
choice of species 4371, 4372
development, forestry 3221
Dipterocarpaceae 6790
diseases, tree 4499, 6890
documentation and information services 3991
economics, forestry 5844
education and training 3278, 6509
environmental conservation 1661
Eucalyptus deglupta 4115
fertilizers 3387, 4044, 5658
fire control 4300
fires, forest 2841
fishing and fishery management 6821
forests and forestry 4819
fungi 2053
Philippines *contd.*
grazing and pasture 3122, 4668, 7022
improvement planting 3559
insects 6931, 6978
international aid and collaboration 3221
labour, forest 3278, 5252, 5287
land use 4668, 7081
legislation 1661
mangroves 6821
medicinal plants 4153
nursery management 3401, 4050
Ozola minor 3734
plantations 1658, 2755, 3414, 3963
propagation 4031, 4034
protection forest 3963
provenance studies 3330, 4151
reclamation of degraded land 4124
research 3281, 5014
resources, forest 1658
secondary or cut-over forest 5871
seed production 4030
silviculture 2755, 3963, 5252, 5287, 6581
site preparation 3417, 5684, 6599
soil types 5871
sowing, direct 3417, 5684
spacing 4077
surveys, forest 3508
vegetation types 4371, 4372, 7022
volume tables 2771
weed control 3401
Phloem 4338, 6768, 7476
Photography, review 1394
Photoperiodism 600, 836, 986, 1411, 4327
Photosynthesis 591, 612, 936, 978, 2450, 3611, 4258, 5811, 6052, 6057
measurement 19, 386, 387, 394, 967, 2913, 5810, 5957, 6779, 6828
study methods 19, 387, 398, 399, 1485, 1951, 1952, 1954, 4251, 4337
Phylogeny 1443, 7459, 7460
Physiology, plant 2186, 4339, 5938, 6051, 7486 (*see also* process, function or agency concerned, e.g. Photosynthesis : Water relations of plants : Growth regulators)
book 395, 1946, 2444, 3610
study methods 803, 1332, 1486, 2908
Phytopathology, general 1993, 2002, 2008
book 479, 6461
detection of diseased or dead tissues, *see also* Fungus diseases, general, detection of diseased or dead tissues
Picnic areas (*see* Recreational areas)
Pigs 2584, 7088, 7673
Pioneer species 4812, 6396
Planning 5043, 5109, 5151, 5335, 5343, 5385
Plant geography 1958, 3640, 3642, 3996, 4382, 4387, 4393
book 4380
Plantations, general
amenity aspects 1178
ecological aspects 1652, 1656, 1657, 1748, 1968, 2283, 2731, 3410, 3589, 3864, 3865, 3872, 3888, 3898, 4054, 4074, 4076, 4081, 4082, 4117, 5543, 5566, 6476, 6530, 7486
economic aspects 1178, 1297, 1747, 2310, 2733, 2788, 3243, 3414, 3511, 4076, 4115, 4214, 4215, 4712, 5064, 5067, 5566, 5600, 5677, 5688, 5763, 5764, 5766, 6323, 6670
effect of successive rotations 3891, 4173, 5380
hydrological aspects 1750, 1887, 3589, 3880, 3881, 4645, 7415
silvicultural aspects 218, 732, 737, 738, 774, 1281, 1285, 1291, 1295, 1296, 1297, 1298, 1328, 1334, 1652, 1678, 1747, 1750, 1752, 1929, 2283, 2300, 2309, 2310, 2722, 2723, 2733, 2748, 2752, 2753, 2755, 3199, 3243, 3302, 3378, 3412, 3433, 3441, 3442, 3443, 3872, 3887, 3888, 3890, 3898, 3901, 3930, 4003, 4054, 4056, 4075, 4076, 4079, 4080, 4082, 4114, 4115, 4117, 4197, 4215, 4668, 4712, 5069, 5381, 5543, 5567, 5600, 5675, 5677, 5688, 5691, 5763, 5764, 5766, 5767, 5772, 5786, 6000, 6588, 6589, 6597, 6617, 6620, 6670, 7144, 7165, 7238, 7239, 7264, 7265, 7286, 7415 (*see also* Planting; Weed control in plantations)
Plantations, general *contd.*
vs. natural stands 738, 7210, 7356, 7486
wildlife 1908, 3883, 3884, 3885, 3886, 6323
Planting (*see also* Planting time/season; Spacing)
economics 740, 1277, 2892, 3167, 5687, 5777, 6595, 6622
group planting 1298
machines, tools, equipment 250, 1188, 1284, 1292, 1731, 1782, 2758, 2879, 2886, 2893, 3449, 5777, 5779, 6590, 6593, 6622, 6624
methods 224, 740, 1528, 1750, 1768, 1789, 2176, 2284, 2285, 2288, 2730, 2731, 2879, 2886, 2887, 2891, 2892, 2893, 4053, 4071, 5614, 5686, 5687, 5689, 5697, 5777, 7281, 7291
row alignment 1366
soil treatment at planting 1295, 2731, 4798, 7265
standard 1191, 1192
work studies 1240, 1789, 2892, 5252, 5687, 7291
Planting stock 7208
age and size 675, 1278, 1281, 1283, 1293, 1294, 1329, 1738, 1747, 2270, 2286, 3411, 3445, 5688, 6368, 6577, 6591, 6595, 7267
balled 1277, 2717, 5614, 5689, 5697
bare-rooted 225, 1277, 1279, 1296, 1461, 1462, 1463, 1465, 1467, 1471, 1472, 1473, 1735, 1750, 2824, 2871, 2875, 2876, 2877, 2878, 2880, 2881, 3396, 4052, 4112, 4256, 5598, 5614, 5677, 5689, 5697, 6588, 6589, 7128, 7281
container-grown 448, 596, 597, 604, 724, 1279, 1296, 1458, 1459, 1460, 1462, 1463, 1464, 1465, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1726, 1728, 1734, 1736, 1750, 1883, 2003, 2264, 2265, 2270, 2824, 2869, 2872, 2873, 2875, 2876, 2877, 2878, 2879, 2880, 2881, 2885, 2886, 2887, 2888, 3369, 3370, 3391, 3393, 3394, 3396, 3400, 4112, 4818, 5598, 5673, 5677, 5689, 6588, 6589, 6593, 7281 (*see also* Nursery management, use of containers)
grading, quality 724, 1276, 1280, 1293, 1480, 2270, 3199, 5673, 5697, 6596, 7202
handling, packing, transport 812, 1277, 1480, 6368, 6588, 6589
measurement 1283
pre-conditioning/adaptation to site 1480, 7197
protective measures 1294, 3403, 4113 (*see also* Anti-transpirants)
seedlings vs. transplants 1732
standard 114, 115, 116, 1192
storage 1730, 3369, 4052, 6368, 6369, 6594
unrooted cuttings 5367
vegetatively propagated 114, 115
wildings 5367, 6591, 7221
Planting time/season 246, 1279, 1294, 1730, 1750, 2250, 2731, 2887, 6589
Ploughing 225, 743, 2260, 2757, 7397
Plus-trees 471, 477, 1076, 1532, 2249, 3656, 3664, 4431, 4462, 6132, 6149, 6531, 7179, 7509
Poisoning of animal pests 3778
Poland
afforestation 4836, 5481
breeding, tree 1050, 7541
Cerambycidae 6926
Choristoneura murinana 7017
diseases, tree 351, 2079
fertilizers 4045
insects 6212, 6257, 6258, 6274, 6275
labour, forest 5280, 6513
landscape 4941
management, forest 6513
Megastigmus suspectus 7008
minor forest products 5408
nature conservation and reserves 4689, 4986, 5456
Operophtera brumata 4590
Pamphilius vafer 4574
planting stock 115
pollution, air 351, 4045
pollution, general 6747, 7223

Poland *contd.*
Populus 7541
propagation 115
protection forest 5481
provenance studies 7520
recreation, forest 5481
resin-tapping 5086
seed production 5456, 7519
seed trade 115
thinning 5280
vegetation types 6168, 6926
wildlife 5456
Pollen 5787
analysis and identification 2977, 4375, 6808
anatomy, morphology 610, 1481, 2449, 2894, 2895, 6766, 7449, 7472
chemistry 2953, 7477
collection, storage 988, 6781
cytology 471
dispersal 986, 2453, 3621, 6025, 6120, 6782
formation and development 404, 986, 1957, 4342
germination and viability 404, 988, 1492, 3622, 6781
irradiation 2488
physiology 2953
spectra 423, 425, 4374, 4375, 6086, 6808, 6810, 6811, 6812
study methods 988, 1492
Pollen and spores, atmospheric 3621
Pollination 1022, 1027, 1074, 6120, 6784, 6785
animals effecting 6064
cross vs. self 2966
fertilization, (in)compatibility 2920, 2929, 2930
open 1491
study methods 1956
techniques and equipment 1491
Pollution, air
bibliography 4276
damage, effect on plants 351, 352, 353, 878, 879, 880, 881, 1426, 1893, 1899, 1900, 1902, 2408, 2409, 2411, 2412, 2413, 2415, 2832, 2836, 2837, 2917, 3028, 3061, 3579, 3581, 3582, 4271, 4274, 4277, 4469, 4470, 4474, 4489, 4494, 4994, 5435, 5569, 5971, 5973, 5974, 5975, 5976, 5977, 5978, 5979, 5980, 5982, 5983, 6721, 6722, 6723, 6725, 6727, 6742, 6743, 6744, 6745, 6870, 7421, 7422, 7426
detection, measurement 838, 878, 2799, 2828, 2835, 3028, 4277, 5976, 6743, 7423
dust 352, 353, 880, 1893, 1899, 2408, 2799, 2828, 4276, 4277, 4469, 4470, 6746
ecological effects 2828, 3582, 6721, 6727, 6746, 6819
economics 4271
effect on disease 60, 1898, 3061
effect on increment and yield 1902, 4271, 4274, 5977
effect on pests 2642, 2834, 6930
effect on wood etc. 1895, 5979, 6035, 6722
forest or slash fires 909, 7433
gases and fumes 352, 353, 838, 878, 1144, 1237, 1425, 1426, 1893, 1895, 1898, 1899, 1900, 1902, 2381, 2408, 2409, 2411, 2412, 2415, 2813, 2815, 2817, 2818, 2830, 2832, 2834, 2836, 2837, 2917, 3028, 3061, 3579, 3581, 3582, 4274, 4276, 4277, 4470, 4474, 4494, 5435, 5910, 5971, 5973, 5974, 5975, 5976, 5977, 5979, 5980, 5982, 5983, 6721, 6722, 6723, 6725, 6727, 6742, 6743, 6744, 6745, 6746, 6819, 6930, 7421, 7422, 7423, 7426, 7431, 7433, 7463
radioactive matter (*see* Radiation, ionizing, effect, damage)
remedial measures 7433
resistance to 878, 1902, 2413, 2832, 4045, 4470, 4474, 4494, 5971, 5978, 6035, 6742, 6744, 7422, 7431, 7463
review 2832
role of forest 2408, 5430, 5435, 6723, 6740
salt spray 881, 1599, 2413, 4489
Pollution, air *contd.*
study methods 7422
Pollution, general 1225, 2647, 5972, 6737
bibliography 1896
from vehicles 1163, 2411, 2834, 6727, 6747
industrial and town waste 2622, 4274, 4278, 5971, 6746, 7223
role of forest 1163, 4994
Pollution, soil 354, 2409, 2830, 3523, 4278, 6746, 6747
Pollution, water 3, 4, 5, 6, 8, 562, 563, 566, 1901, 2130, 2134, 2380, 2383, 3575, 3577, 6089, 6497, 7688
Polyploidy (*see* Breeding, tree, use of ploidal variants; Chromosome studies; Cytology; Genetics, plant, general, ploidal effects)
Porcupines 3778, 3779
Portugal
ecology, forest 1968
environmental conservation 1222
forest policy 4894
legislation 1222
nature conservation and reserves 4983
plantations 1968
private forest(ry) 4894
species trials 4778
Pottiputki planter 1292
Powder-post beetles (*see* Borers, wood)
Precipitation 938
book 3580
hydrological aspects 15, 36, 871, 1148, 1151, 1152, 2382, 2602, 2604, 3516, 3570, 3806, 3812, 4255, 5951, 5954, 6374, 6378, 7050, 7051, 7052, 7053, 7424, 7427, 7428, 7687
injury by 2805
measurement 906, 1151, 3810, 7052, 7428
review 7427
solutes in 36, 346, 848, 871, 1144, 2380, 2381, 2382, 2383, 2384, 2647, 2799, 2805, 2813, 2815, 2817, 2818, 3374, 3568, 3570, 3579, 3580, 5853, 6371, 6727, 7424, 7427
systems analysis and simulation 5951
Predators of insect pests 2108, 4528, 4530, 6232, 6256, 6940, 6981, 7594
biology and ecology 545, 3071, 3096, 4589, 7011, 7117
introduction/release 3751
trapping 6924
Prices of forest products 6492, 7374
Private forest(ry) 651, 658, 718, 760, 1203, 1204, 1207, 1219, 1389, 1642, 1644, 1648, 2211, 2225, 3262, 3919, 3920, 3924, 3935, 3939, 3954, 3964, 4894, 4916, 5059, 5532, 5533, 5535, 5553, 5555, 5556, 5558, 5560, 5563, 5846, 6479, 6491, 6687, 6688, 7157
book 2218
Production, biological (*see* Biological production of forests and trees)
Progeny trials (*see* Breeding, tree, progeny testing)
Propaganda (*see* Public relations)
Propagation, vegetative 1107, 2268, 2707, 5629
air-layering 1020, 4454
bud culture 202, 3347, 4037, 5646, 5647, 5648, 5650, 7185, 7187
budding 4455, 5641
conferences, symposia 5628, 6540, 6541, 7120
cuttings, root 607, 1268, 5226, 5641, 5645, 7186
cuttings, shoot 128, 135, 160, 200, 201, 397, 688, 705, 783, 1020, 1032, 1268, 1271, 1715, 1717, 2250, 2251, 2252, 2253, 2254, 2683, 2708, 2712, 2754, 2889, 3347, 3349, 4031, 4032, 4034, 4036, 4440, 4453, 4455, 4456, 4457, 4815, 5226, 5448, 5632, 5633, 5635, 5636, 5637, 5638, 5639, 5640, 5641, 5642, 5645, 5648, 5649, 5651, 6152, 6539, 6540, 6541, 6542, 7121, 7129, 7134, 7183, 7186, 7283, 7516
Propagation, vegetative *contd.*
grafting 201, 462, 699, 709, 1020, 1029, 1036, 1068, 1074, 1077, 1104, 1266, 1268, 2044, 2249, 2253, 2692, 2693, 2803, 2926, 3032, 3307, 3336, 3337, 3348, 3350, 4018, 4035, 4039, 4455, 4837, 5641, 5785, 7179
layering 5641
protective measures 1271
setts and truncheons 4033
tissue culture 461, 474, 475, 614, 617, 706, 708, 1267, 1268, 1269, 1716, 2691, 2694, 2911, 3000, 3347, 4037, 4329, 4334, 5630, 5643, 5644, 5646, 5647, 5648, 5649, 5650, 6051, 6053, 6540, 7127, 7132, 7133, 7184, 7185, 7187, 7482, 7516
topophysis/cyclophysis 7516
vs. propagation from seed 1270, 2683
Protection forest 655, 2213, 2564, 3189, 3190, 3206, 3963, 4138, 4178, 4643, 5100, 5174, 5179, 5386, 5429, 5481, 5526, 6361, 6370, 7042, 7681
Protection of forests, general 51, 54, 58, 1135, 1156, 2212, 3412, 3923, 4583, 5544, 5856, 6214, 6229, 7018, 7653, 7681
review 6481
Protozoa 339, 340, 539, 1573, 3097, 6250, 7618 (*see also* Soil biology, protozoa)
Provenance studies 2, 71, 116, 119, 126, 127, 131, 133, 139, 141, 143, 145, 149, 150, 151, 152, 153, 155, 156, 158, 161, 162, 163, 164, 167, 169, 170, 171, 173, 174, 175, 176, 177, 178, 179, 182, 183, 184, 185, 186, 187, 188, 189, 190, 355, 440, 454, 456, 678, 681, 682, 683, 684, 685, 690, 691, 692, 693, 694, 956, 1030, 1042, 1069, 1244, 1245, 1249, 1252, 1253, 1254, 1255, 1530, 1541, 1679, 1680, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1985, 2238, 2239, 2241, 2242, 2243, 2244, 2307, 2681, 2682, 2684, 2685, 2686, 3012, 3015, 3017, 3019, 3308, 3309, 3310, 3311, 3312, 3313, 3314, 3316, 3318, 3319, 3320, 3321, 3322, 3323, 3324, 3326, 3327, 3328, 3329, 3330, 3331, 3332, 3333, 3334, 3335, 3336, 3337, 3599, 3663, 3893, 4000, 4001, 4002, 4004, 4005, 4008, 4009, 4011, 4013, 4014, 4054, 4111, 4151, 4432, 4458, 4821, 4845, 5357, 5359, 5540, 5604, 5607, 5609, 5610, 5611, 5612, 5613, 5618, 6247, 6363, 6519, 6520, 6524, 6525, 6529, 6596, 6850, 6907, 7171, 7175, 7511, 7512, 7515, 7520, 7531, 7537, 7544
Pruning
economics 766, 1324, 7233, 7235
effect on flowering and seeding 2690
effect on growth and form 1326, 1766, 1767, 3435, 3439, 3455, 5761, 6614
effect on wood characteristics 766, 1765, 1928, 4105, 7233
machines, tools, equipment 1324, 3440, 6613, 6614, 6615, 7235, 7236, 7237
natural 766, 1928, 3171
planning, organization 766, 2304, 5759, 5760, 6613
relation to disease 505, 767, 1323, 6199
work studies 3440, 5252, 5760, 6614, 6615, 7237
wounds, effects 767, 3171, 6614, 7235
wounds, occlusion 1928
Public relations 111, 877, 1235, 1663, 1666, 1846, 3911, 5584, 6510, 7151
Puerto Rico
forests and forestry 6474
provenance studies 6525
regeneration, natural 1746
succession 1746
vegetation types 1746
Pulp and paper industry, general, pollution problems 7423
Pulpwood production, silviculture and management 661, 4760
Quality control 766, 4228
Quarantine, plant 2689, 3750
Rabbits and hares 1015, 2976, 3409, 3776, 3777, 3783, 3785, 6330, 6563, 7241
Radiation, ionizing, effect, damage 882

Radiation, solar 606, 3860
Radiation, terrestrial 883, 5965
Radioactive isotopes 1942, 3565, 3612, 6737
Radioactivity, natural 2646
Radiocarbon dating (*see* Radioactivity, natural)
Rain damage 6426, 6427
Rain forest (*see* Vegetation types, rain forest)
Rainfall (*see* Precipitation)
Range management (*see* Grazing and pasture, management)
Rats (*see* Mice, voles and rats)
Rattans (*see* Canes and rattans; Palms)
Reaction wood 362, 1944
Reclamation of degraded land 93, 129, 570, 655, 2156, 2157, 2158, 2812, 3139, 3140, 3143, 3252, 3376, 3377, 3819, 3820, 3822, 3823, 3824, 3825, 4124, 4383, 4882, 5083, 5419, 5867, 5877, 5881, 6090, 6091, 6092, 6367, 6669, 6879, 7061, 7130, 7708, 7709, 7710, 7728, 7749
  bibliography 3138, 7060
  book 3141
Recreation, forest 77, 578, 579, 655, 1170, 1171, 1172, 1176, 1177, 1180, 1181, 1183, 1207, 1216, 1242, 1606, 1615, 1616, 1617, 1835, 1854, 2123, 2170, 2171, 2172, 2173, 2220, 3154, 3156, 3158, 3161, 3163, 3164, 3165, 3166, 3242, 3839, 3840, 3841, 3843, 3849, 3892, 3978, 4703, 4706, 4707, 4708, 4709, 4710, 4711, 4753, 4888, 4932, 4949, 4950, 4951, 4952, 4953, 4954, 4956, 4957, 4958, 4959, 4973, 4985, 5072, 5413, 5414, 5416, 5441, 5470, 5471, 5473, 5474, 5477, 5478, 5479, 5480, 5481, 5482, 5483, 5490, 5496, 5525, 5526, 5568, 6094, 6431, 6438, 6439, 6440, 6555, 6682, 6960, 7089, 7090, 7091, 7092, 7093, 7394, 7688, 7715, 7727, 7728, 7729, 7730
  bibliography 1388, 3842
  book 4704
  damage 76, 876, 877, 1179, 1182, 1317, 3157, 3844, 3845, 3846, 3850, 3851, 4338, 5476, 5904, 5970, 6092, 6436, 6437, 6875
  economics 1178, 1877, 3159, 3160, 3842, 7082, 7308
  review 3157
Recreational areas 3162
ReForester planter 6593
Regeneration, artificial 726
  assessment 5681, 6582, 6596
  combined with agriculture 2162, 2619, 2722, 2724, 4664, 5199, 5201, 5203, 5204, 5205, 5206
  economics 4664
  relation to site factors 4069, 7211
  review 2865
Regeneration, artificial vs. natural 117, 118, 7210, 7211
Regeneration, natural 3200 (*see also* Coppicing; Seedlings; Suckering)
  advance growth 420, 1287, 1288, 1289, 1290, 2281, 2831, 3407, 3408, 4065, 4069, 4070, 4337, 6583, 6586, 7210, 7319, 7356, 7429, 7430, 7486
  assessment 222, 730, 731, 735, 805, 1746, 1807, 1808, 2726, 2775, 3406, 3407, 4065, 4066, 4068, 4070, 5384, 5395, 6584, 7216, 7247
  biotic factors 223, 420, 735, 2282, 2480, 2727, 4027, 4822, 6585, 7247, 7248, 7258, 7671, 7677
  coppice (*see* Coppicing)
  economics 2480, 7356
  relation to fire 888, 911, 1770, 2426, 2480, 2727, 3253, 4069, 4070, 4897, 5682, 6585, 7213, 7214, 7443
  relation to site factors 221, 223, 730, 732, 734, 805, 1290, 2280, 2480, 2727, 2775, 3405, 3407, 4053, 4066, 4068, 4072, 4384, 6097, 6585, 6587, 7211, 7215, 7216, 7251, 7258
  relation to types of felling and logging 238, 732, 734, 1288, 1289, 1391, 1807, 1808, 2480, 2725, 2831, 3404, 3408, 4062, 4067, 4072, 4829, 5395, 5683, 6583, 6731, 6734, 7214, 7252, 7429, 7430
Regeneration, natural *contd.*
  sampling methods 6584
  seedbed conditions 221, 2280, 4069, 7215, 7251
Regeneration surveys 730, 2726, 2789, 4822, 7215
Reindeer 3791
Relascopes 822, 4869, 5019, 5332 (*see also* Mensuration, forest, instruments, multi-purpose)
Remote sensing
  book 827, 5835
  data recording and processing 3509
  economics 318, 1872, 1913, 2365, 2790, 4211, 5836
  estimation of areas 5831
  estimation of stand parameters 824, 6637, 7368
  fires, forest 1872, 1913, 4297, 7437
  forest-injury studies 309, 317, 318, 319, 826, 828, 1873, 2372, 2790, 3027, 3695, 4205, 4232, 5833, 6238, 6961
  infra-red 309, 317, 318, 320, 1870, 4205, 5833, 5839, 6238, 7365, 7437
  instruments and equipment 827, 1870, 7072, 7367
  interpretation of data 828, 2372, 6238
  land use 320, 3509, 3830, 3950, 4210, 4211, 5016, 5835, 6402, 6681, 6686, 7062, 7068, 7072
  laser 7367
  mapping 320, 827, 828, 1386, 1872, 1913, 2372, 2470, 2795, 3507, 3509, 3695, 3830, 3950, 4206, 4209, 4210, 4211, 5837, 6402, 6686, 7365
  photo interpretation 1872, 2372, 3509, 3780, 4208, 4297, 4861, 5836
  photography 308, 309, 317, 318, 319, 320, 824, 827, 1386, 1870, 1871, 1872, 1873, 2365, 2470, 2790, 3027, 3507, 3783, 3896, 4205, 4210, 4211, 4863, 5833, 5836, 5837, 5839, 6238, 6648, 6676, 6681, 6682, 6961, 7363, 7364, 7365, 7368, 7437
  radar 825, 3830, 4210, 5023, 6686
  review 4207
  sampling methods 2365, 3509, 3780
  satellites 825, 826, 828, 1870, 1871, 1913, 2372, 3782, 4209, 4232, 4297, 5835, 6681, 7363
  terrain and soil studies 828, 1874, 2795, 6683
  vegetation studies 825, 828, 2470, 2795, 3830, 4208, 4209, 4210, 5837, 6681, 7363
  visual reconnaissance 317
  wildlife 3780, 3781, 3782, 3783, 3784, 6341
Repellents, bird and mammal 199, 741, 1585, 2105, 3778, 6340, 6532
Repellents, insect 4594
Reproductive behaviour of plants 405, 445, 939, 984, 985, 1019, 1489, 1957, 2435, 2451, 2452, 2919, 2957, 2966, 2967, 4310, 4343, 6019, 6065, 6783, 6786, 7181, 7243, 7456, 7457, 7459, 7490
Reptiles 4695, 7033, 7034, 7035, 7115
Research, forest(ry) 71, 96, 103, 107, 262, 645, 666, 668, 953, 1231, 1234, 1291, 1401, 1403, 1665, 2648, 2649, 2671, 2672, 2673, 2707, 2711, 2712, 2713, 3161, 3186, 3196, 3204, 3226, 3268, 3280, 3281, 3286, 3291, 3292, 3441, 3890, 3891, 3933, 3943, 3958, 3967, 3992, 4723, 4904, 4999, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5017, 5018, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 5032, 5033, 5119, 5164, 5212, 5253, 5414, 5443, 5509, 5518, 5543, 5562, 5575, 5577, 5675, 6105, 6169, 6496, 6660, 7159, 7160, 7161
Reserved forest 4728
Reservoirs, ponds and dams 1154, 4632, 5504, 6372, 7043
  plantations round 1145, 2142, 2145, 6384, 7698
Resin-tapping 5409
  economics 786, 2764, 2765
  effects 2762, 3457, 3588, 7302
  equipment 2762, 3459, 3460
Resin-tapping *contd.*
  methods and yields 786, 787, 1064, 1348, 1791, 2319, 2320, 2763, 2764, 2765, 3457, 3458, 3461, 3588, 4140, 4143, 4144, 4145, 4147, 4148, 5086, 5404, 5785, 7302, 7303
  time/season 4145, 7303
  work studies 3459
Resins (*see also* Rosin; Turpentine)
  chemistry and properties 166, 1482, 2486, 3660, 3906, 4140, 7303
  formation and secretion 672, 6040
  location, distribution 7303
  quantitative measures 2486, 3660, 3906, 6749
  relation to insects 68, 379, 462
  uses and products 3660
Resources, forest 640, 641, 656, 660, 1204, 1211, 1646, 1650, 1651, 1652, 1742, 2660, 2668, 3269, 3958, 4157, 5328, 5335, 5338, 5387, 5401, 5445, 5518, 5537, 5545, 5546, 5547, 5550, 5552, 5562, 6418, 6465, 6496, 7146, 7153, 7155, 7365, 7720 (*see also* Statistics, forest)
  book 1827
Respiration, plant 19, 20, 973, 1943, 3483, 3616, 6778
Reunion, agrisilviculture 5240
Review
  arboriculture 6452
  biological production 7323
  borers, wood 6985
  breeding, tree 466, 1525, 6023
  Ceratocystis ulmi 6194
  chromosome studies 6127
  decay in trees 2032
  dendrochronology 6458
  development, forestry 3928
  diseases of trees, general 6882
  fire effects 4301, 4302
  fungi 2515
  insect pests of trees 1113
  inventory, forest 5834
  Lachnellula willkommii 1101, 1102
  management, forest 1386
  microclimatology, micrometeorology 7426
  mycoplasmal diseases of trees 6914
  nature conservation and reserves 2168
  nitrogen cycle 3567
  nutrient cycle 7323
  phenology 6023
  photography 1394
  Phytophthora 1079
  pollution, air 2832
  precipitation 7427
  protection of forests, general 6481
  recreation, forest 3157
  remote sensing 4207
  silviculture 3195
  succession 6726
Rhodesia
  botanic gardens 2640
  breeding, tree 1412, 7509
  seed production 5625
  soil survey 2397
  termites 2064
  trees and shrubs 1502
  wildlife 3128
Rights of way for power lines, roads 971
Ring-barking (*see* Girdling)
Rings, growth 628, 1427, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1895, 3861, 4175, 4283, 5979
Riverbank protection 4643, 7694
Riverside plantations 2598
Roads
  ecological aspects 1896, 4230, 6442, 6444, 6690, 7137
  economics 6690
  erosion effects 5897, 5898, 5899, 5900
  lay-out and planning 2188, 4230, 6442, 6444, 6693, 7137
  machines, tools, equipment 6693
  materials, stabilizers 6690
  systems analysis and simulation 2188
  terrain classification and effects 2188
Roadside plantations 2610, 3823
Rodents 199, 1971, 2282, 6317, 6350, 7249, 7258

Romania
accidents 5283
breeding, tree 6846, 7517, 7518
development, forestry 5046
education and training 4922
forest site classification 6696
machines, tools, equipment 2313
management, forest 5354
mechanization of forest operations 2313
provenance studies 173, 174, 175, 176, 7515, 7517
seed production 1035, 7519
silviculture 5283
surveys, forest 280, 5354
vegetation types 1512
Root and butt rots
anatomical studies 2007, 3041, 3043, 6181
assessment 496, 1092, 2033, 2034, 7574
biology and physiology 65, 1542, 2030, 2510, 4501, 6181, 6182, 6888, 7576
control 1542, 2005, 2029, 2287, 2503, 2510, 2524, 3431, 3687, 3711, 3714, 4500, 4501, 5876, 6184, 6888, 6920, 7569
detection 1094, 1096, 2012, 2510, 3027, 3043, 3697
ecology 351, 482, 498, 500, 1092, 1093, 1094, 1542, 1816, 2036, 2037, 2505, 2511, 3040, 3042, 3043, 3044, 3684, 3685, 3698, 4477, 4493, 4503, 6186, 6780, 7487, 7572
effect on increment and yield 4341, 6183
interaction with fungi or bacteria 482
resistance to 1094, 2012, 2031, 2507, 2510, 3036, 3040, 4778, 4844, 6163, 7571
review 2036
role of wounds 1323, 2031, 2037
soil-borne infection 5876, 6189
study methods 1096
symptoms 7569
Roots
adventitious 6760
bibliography 872, 2864
book 962
chemistry 857, 974, 1332, 2870, 6182, 6322, 6635
conferences, symposia 1457, 1466, 1474, 2864, 2867, 2874, 2882, 2890
deformation 1458, 1460, 1464, 1467, 1472, 1473, 2264, 2265, 2866, 2869, 2871, 2872, 2877, 2880, 2886, 2891, 2892, 5671, 7124
diseases and disorders 1625, 3042, 3043, 6179
exudation and excretion 1947
growth and development 872, 965, 974, 1435, 1458, 1459, 1462, 1463, 1465, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1732, 1935, 2179, 2864, 2866, 2867, 2868, 2871, 2872, 2873, 2874, 2876, 2877, 2878, 2879, 2880, 2881, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2892, 3489, 3560, 3614, 5674, 5788, 6152, 6362, 6598, 6875, 7183, 7217
initiation 7217
mechanics 1625, 4713
nodules 486, 487, 488, 489, 490, 491, 492, 594, 1081, 1083, 3023, 3024, 3673, 3681, 4264, 6366, 6880, 7565
physiology 396, 489, 595, 962, 965, 972, 1081, 1083, 1942, 1943, 5968, 6778, 7222
pruning 1467, 2868, 2869, 2883, 4073, 5674, 7122
quantitative measures 813, 1367, 1458, 1461, 1818, 2875, 3489, 5794, 5807, 5808
shoot relations 1283, 1718
soil/water relations 1475, 1478, 2822, 3042, 3043, 4713, 5788, 5968
stilt roots 1456
study methods 489, 962, 1081, 1470, 1625, 1942, 3681
Roots *contd.*
systems, distribution 185, 813, 857, 874, 962, 1367, 1435, 1456, 1460, 1461, 1464, 1469, 1475, 1476, 1478, 1480, 1625, 1728, 1732, 1933, 1942, 2179, 2434, 2868, 2869, 2870, 2871, 2875, 2877, 2878, 2883, 2885, 3042, 3489, 4038, 5794, 5807, 6598, 6778, 6875, 7409, 7469
uses and products 5405, 5788
Rosin 672
Rot fungi (*see* Decay fungi)
Rotation 4115, 4122, 5355, 6671 (*see also* Plantations, general, effect of successive rotations)
Royalties (*see* Stumpage value and fees)
Run-off 11, 2602, 3810, 6381, 7682, 7691, 7699, 7700 (*see also* Stream flow)
relation to soil 1156, 1157, 1345, 2829, 2831, 3812
Rust diseases
assessment 6200
biology and physiology 1100, 1545, 2015, 2049, 2521, 3033, 3034, 3057, 4482, 4514, 6910
control 507, 1100, 1111, 2014, 3030, 3057, 3067, 4514
ecology 67, 620, 1107, 2001, 2262, 2521, 3030, 3057, 3067, 3698, 4481, 4514, 5616, 7555, 7586
interaction with fungi or bacteria 2048, 3703
physiological effects 1100, 4495
resistance to 165, 513, 1104, 1107, 2051, 2052, 3030, 4478, 4508, 6198, 6901, 6902, 7545
study methods 513
symptoms 4481, 6198
Rwanda
diseases, tree 2517
flora/check lists 996
forests and forestry 5544
nature conservation and reserves 5544
Safety (*see* Accidents and their prevention)
Salt injury, tolerance 599, 881, 2407, 2413, 2833, 5854, 6058, 6724 (*see also* Pollution, air, salt spray)
Salt water 2407
Salvage fellings and logging 6253
Sample-plot technique 278, 280, 282, 283, 284, 285, 286, 288, 289, 290, 291, 292, 293, 5831, 7325
Sand dunes 571, 2155, 3142, 4659, 4801, 5180, 7711 (*see also* Afforestation, sand dunes; Vegetation types, dune)
Sanitation fellings 6191
Sap 7357
ascent, flow 803, 973
properties 1347, 1927
tapping 1347
Sarawak
birds 2584
regeneration, natural 1391
soil types 17
surveys, forest 1391
wildlife 2584
Sardinia
afforestation 5180
development, forestry 5159
Lymantria dispar 1573
management, forest 5159
shelterbelts 5180
Saudi Arabia
afforestation 4601
Avicennia marina 7505
erosion 4601, 5886
Savanna (*see* Vegetation types, savanna)
Sawdust 598, 7200
Saws/sawing studies, clearing saws 3429
Scaling (*see* Measurement of roundwood)
Scandinavia
breeding, tree 7517
economics, forestry 5140
forest policy 5140
labour, forest 5148
management, forest 5396
provenance studies 1694
Scrub (*see* Vegetation types, scrub)
Secondary (second-growth) forest 1746, 5871, 6118, 7329
Seed
anatomy, morphology 196, 2430, 2432, 2435, 2941, 2963, 3341, 3345, 4343, 4436, 6041, 6138, 6764, 6885, 7567, 7625
chemistry 193, 970, 1054, 1072, 2438, 5237, 6885, 7478, 7567
data recording and processing 697
diseases 2028, 2500, 2952, 4015, 6536, 7245, 7246, 7247, 7567
dispersal 5619, 6065, 6353, 7028
dormancy and longevity 703, 1264, 2687, 2914, 2962, 6534, 7176, 7547
edible 2315, 5230, 5231, 5236
germination 195, 196, 197, 469, 690, 697, 701, 703, 970, 985, 1071, 1256, 1261, 1263, 1264, 1335, 1488, 1708, 1710, 1712, 1795, 2028, 2247, 2442, 2500, 2579, 2687, 2688, 2689, 2812, 2914, 2945, 2963, 3346, 4015, 4016, 4017, 4019, 4020, 4022, 4023, 4024, 4026, 4028, 4029, 4030, 4151, 4451, 4452, 4826, 4831, 5620, 5621, 5624, 5681, 6211, 6532, 6533, 6534, 6538, 6885, 6917, 7136, 7176, 7177, 7244, 7253, 7547
identification 1259
injuries 6536
pests 742, 1134, 1263, 1265, 1300, 1301, 2919, 2946, 2947, 2948, 2965, 3788, 4027, 4451, 6532, 6536, 6537, 6626, 6931, 6932, 7008, 7247, 7249, 7258, 7629
physiology 2914, 2939, 2940, 2942, 2959, 2962, 6538, 7244
research 2944, 3343
uses and products 1602, 2315, 2316, 2317, 2438, 2761, 3456, 4022, 4139, 5229, 5231, 5236, 5237, 5782, 6630 (*see also* Nuts and nut crops)
variation 1262, 2430, 2941, 7547, 7625
weight 1071, 4029, 4434, 6066, 6885, 7547
Seed certification 7519
Seed collection, extraction, sorting 720, 723, 1256, 1257, 1713, 2248, 3395, 4787, 4826, 5237, 5403, 7197, 7519
centres and sources of supply 196, 1516, 2245, 3002
equipment 1706, 5626, 5627, 7294, 7296
work studies 1706
Seed husbandry, general 1019
Seed production 4769, 5567, 7250
assessment and forecasting 987, 1707, 5625, 6129, 7300
factors affecting 198, 702, 987, 1257, 1258, 1260, 1345, 1346, 1440, 1490, 1529, 2451, 2922, 2923, 2925, 2932, 2933, 2934, 2936, 2938, 2964, 2966, 4030, 4336, 5372, 5623, 7300, 7490
individual variation 1705, 2923, 2961, 4436
methods of inducing 1027, 1529, 2453, 4336
periodicity 699, 3342
seed orchards 368, 695, 699, 709, 1019, 1022, 1027, 1028, 1035, 1038, 1265, 1266, 1440, 1490, 1491, 1519, 1707, 1711, 1714, 1977, 2248, 2249, 2453, 2692, 2934, 2935, 2936, 2937, 2948, 2950, 2951, 3333, 3336, 3337, 3339, 3936, 4018, 4025, 4054, 4436, 4603, 4820, 4848, 5450, 5452, 5625, 5855, 6129, 6536, 6837, 6932, 7178, 7179, 7516
seed trees and stands 698, 1260, 2245, 3959, 5375, 5450, 5452, 5456, 6531, 7181, 7361
Seed testing and quality 692, 1061, 1219, 1261, 1262, 1263, 1714, 2245, 2942, 2943, 2945, 4451, 4793, 6885, 7182
Seed trade and transport 114, 115, 116, 3344, 3899
Seed treatment 720, 1259, 4785, 7180, 7296, 7297
assisting germination 197, 697, 700, 701, 703, 1071, 1261, 1264, 1709, 1710, 2442, 2688, 2943, 3065, 3417, 4015, 4017, 4020, 4024, 4026, 4451, 5622, 5672, 7136, 7218
growth regulators 700, 2442, 5622
mutagens 469, 7524

Seed treatment *contd.*
protective 199, 2028, 2500, 2689, 3065, 4839, 5368, 6533, 6535
storage 195, 1261, 1712, 2246, 2248, 2500, 2689, 3340, 3346, 4016, 4019, 4030, 4451, 4452, 4831, 5620, 5621, 6534, 7245, 7246
Seed-trees (*see* Seed production, seed trees and stands)
Seed-years (*see* Seed production, periodicity)
Seedlings (*see also* Diameter/girth, seedlings/young growth)
anatomy, morphology 985, 1441, 1530, 2431, 6041, 6072, 6764, 7475
book 6072
culture techniques 2714
damage and protection 518, 721, 7205, 7206
diseases and disorders 45, 518, 1540, 1541, 2499, 3029, 3065, 3682, 3683, 4498, 5876, 6179, 6180, 6885, 6886, 6891, 6916, 6917, 6918, 6920, 7566
effect of competition 371, 7464
growth and development 222, 692, 1278, 1332, 1419, 1441, 1488, 2494, 2812, 3355, 4344, 6072, 7253, 7256
light relations 222, 371, 1335, 1955, 2907, 3398, 3514, 7204
physiology 1278, 1332, 1953, 3355, 3615
soil/water relations 1278, 1419, 3398, 3558, 3615, 4047, 4326, 5685, 6056, 6463, 6598, 7123, 7204, 7253, 7256, 7464, 7465
study methods 2714, 3519, 6463
thermal relations 1488, 1955, 3398, 3519, 3558, 4326, 5674, 6598
Selection forest 4058, 5679 (*see also* Silvicultural systems and types of felling, selection)
Selection system (*see* Silvicultural systems and types of felling, selection)
Senegal
Acacia albida 4791
flora/check lists 6798, 6799
productivity, forest 1815, 2777
shelterbelts 5185
species trials 4791
Senescence (*see* Age and ageing, physiological)
Setts (*see* Propagation, vegetative, setts and truncheons)

Shade trees 611, 614, 2100, 4093, 6302, 6303, 6744
Shakers, tree 1706
Sheep 2325, 3410, 4370, 6337, 6419
Shelterbelts 1018, 6293, 6482, 7130 (*see also* Wind, effect of shelterbelts)
economics 1160, 1161, 1164, 2148, 7058, 7706
effects 567, 1160, 1161, 1162, 1165, 1599, 2147, 2148, 2149, 2609, 3816, 3818, 4655, 4656, 4657, 4671, 5178, 5180, 5183, 5185, 5188, 5488, 6394, 7058, 7059, 7699, 7703, 7707
increment and yield 122, 711, 855, 1165, 2774, 7701, 7702, 7704, 7705
injuries 704, 1164, 2001, 2100, 5854, 6252, 6302, 6303, 7624, 7701
planning 122, 567, 704, 1162, 1599, 2146, 2147, 2148, 2149, 2150, 2152, 2611, 3137, 3526, 3817, 4655, 6393, 6526, 6832, 7056, 7057, 7131, 7706
silviculture 567, 704, 851, 1158, 1159, 1165, 1756, 2148, 2152, 2611, 3424, 4655, 4657, 5180, 5187, 5189, 5200, 7042, 7056, 7057, 7194, 7229, 7409, 7702, 7704, 7705, 7706
Shelterwood system (*see* Silvicultural systems and types of felling, shelterwood)
Shifting cultivation 574, 1209, 2615, 2767, 4900, 5192, 5193, 5194, 5195, 5196, 5197, 5538, 6401, 6417, 6741, 7081, 7721 (*see also* Agrisilviculture)
Shoot growth and morphology 350, 376, 936, 1359, 1439, 1685, 1718, 1932, 2331, 2956, 3319, 4187, 6152, 6339, 6362, 7183
Shrinkage and swelling of wood 2854
Shrubs 955, 6628
Sierra Leone
labour, forest 3295
trees and shrubs 415
Sifer planter 2758
Silica in wood 2860, 4349, 6039
Silkworms 1231, 2332, 3462
Silvicultural characters of trees 371, 529, 947, 984, 1437, 1439, 1930, 1934, 2848, 3231, 3599, 3996, 4119, 6020, 6024, 6762, 6763, 7264, 7274
book 957, 958, 1438
Silvicultural systems and types of felling 2723, 5534, 7595
clear felling 863, 1242, 1311, 2344, 2363, 3404, 3567, 4059, 4400, 5765, 5768 (*see also* Clear felling, effects)
clear-strip felling 5765, 7241
ecological aspects 117, 729, 2725, 4059, 4800, 5000, 5902, 7595
economics 219, 1286, 1744, 2796, 3243, 4063, 4064, 5840, 6517
effect on disease 7556
effect on soil 218, 863, 2363, 4057, 5882, 5885, 5902, 5903
genetic aspects 1983
group 3404, 5765
group fellings 727
hydrological effects 4255, 5903
logging 727, 729, 3493, 4057
management aspects 2363, 3243, 4059, 4063, 4625, 5005, 5390, 5391, 5392, 5393, 5394, 5396, 5397, 5398, 5399, 5400, 5882, 6581
mechanization 5004
relation to terrain 727, 7212
relation to wind 727
selection 733, 2344, 3404, 4058, 4059, 4400, 5679, 5765, 7278
selective felling 118, 729, 734, 1286, 3493, 3963, 4104, 5399, 5400, 5768, 7212, 7240
shelterwood 219, 727, 1286, 2363, 2724, 3404, 4059, 4064, 4400, 4808, 4809 (*see also* Regeneration, natural, relation to types of felling and logging)
Silviculture 109, 671, 775, 1328, 1925, 1929, 2752, 2753, 4741, 4742, 4743, 4747, 4748, 4750, 4752, 4755, 4782, 4783, 4784, 4804, 4805, 4806, 4823, 4824, 4827, 4870, 5264, 5266, 5267, 5293, 5296, 5305, 5307, 5308, 5597 (*see also* particular silvicultural operation concerned, e.g. Cleaning, Improvement fellings, Planting, Thinning)
book 677, 1333, 1438, 5676
ecological aspects 3, 7, 9, 10, 11, 1327, 1335, 2275, 2276, 2277, 3190, 3202, 3996, 4835, 5389, 5425, 5518, 5857, 5978, 6521, 7169, 7486
history 2652
intensive 1743, 1745, 2363, 2724, 2780, 3267, 3299, 3359, 4055, 4063, 4841, 4842, 5214, 5355, 5370, 5371, 5380, 5383, 5840, 5847, 5885, 7278, 7290, 7529, 7530, 7536, 7546
Pinus patula 5380
P. radiata 5371
research methods 1195, 3196, 3997, 4840
review 3195
terminology 5513
Site-class assessment 3866, 3867, 7254
by climatic factors 799, 2776, 3487
by growth 571, 626, 799, 806, 809, 810, 829, 854, 885, 1361, 1363, 1370, 1371, 1810, 2340, 2348, 2356, 2779, 2782, 2806, 3304, 3416, 4117, 4177, 4765, 5803, 5806, 5814, 5817, 5818, 5863, 5891, 6651, 6666, 7330, 7333
by site factors 6666
by soil factors 571, 854, 3487, 3524, 3546, 3547, 3549, 5863, 5891, 5906, 6651, 6652
by topography 6651
by vegetation 829, 2474, 3487, 3543

Site preparation 5677 (*see also* Sowing, direct, site preparation; Stump removal)
burning 554, 1299, 2846, 3684, 6601, 7220, 7221
chemical methods 1753, 1761, 2733, 3416, 3423, 3775, 3826, 4084, 5733, 6599, 7220, 7221
economics 1299, 2287, 6600, 7221
Site preparation *contd.*
mechanical methods 225, 554, 743, 777, 1284, 1299, 1753, 1754, 1773, 1784, 2219, 2287, 2733, 2734, 2757, 3417, 3449, 3684, 3775, 4080, 4083, 4084, 4085, 4086, 5379, 5684, 5686, 5692, 5778, 5780, 5781, 6512, 6600, 6624, 7219, 7258, 7260, 7285, 7291
Site types
book 6696
classification 2362, 2462, 2474, 3487, 3524, 3543, 5374, 6696, 6820, 7379
description 4370
mapping 2362
Skidding equipment, tongs, grapples 1337
Skidding methods
economics 5746
use of draught animals 1316, 5746
work studies 5746
Slash
breakdown 5503
disposal 1433, 5085, 6750
measurement, surveys 1390, 7332
utilization 7374
Sledges 3447
Small woodlands 4126, 7713
Snow
ecological effects 2807
hydrological aspects 3811, 4650, 6375, 6379
surface distribution 6375, 6379
Snow damage 5857, 7378
Snowmobiles 1339
Soil 671, 2652, 2809, 2810
bibliography 1417
book 332, 3521, 5869, 5870
classification 3522
conferences, symposia 5861, 5872, 5896
parent rock 3248, 3542
relation to land use 218, 3523, 4993, 6401, 6741
relation to succession 4239
variation 7382
zonation 846, 3315, 3541, 3542
Soil amendments 872, 7384
Soil biology 943, 5889
activity, biological 2391, 2811, 2819, 3550, 5661, 6189, 7103, 7231, 7399, 7403, 7407
bacteria 338, 887, 2401, 2825, 3713, 6574, 7398, 7402, 7406, 7561
fauna 24, 25, 337, 341, 850, 887, 1274, 2291, 2391, 2630, 2817, 2818, 2821, 3425, 3533, 3550, 3551, 3555, 4253, 4254, 4272, 4273, 4532, 4997, 5923, 5924, 5925, 5928, 6287, 6289, 6562, 6720, 6923, 7104, 7105, 7119, 7595, 7659 (*see also* Earthworms; Nematodes; Termites)
fire effects 902
flora 3694, 7399
fungi 2400, 2401, 2821, 3553, 5876, 5927, 6707, 7400, 7401, 7404, 7405, 7487, 7561, 7566, 7575 (*see also* Mycorrhiza)
inhibitors of soil organisms 5665, 7199
micro-organisms, general 338, 887, 2400, 2819, 3372, 3560, 5877, 5922, 5927, 6556, 7103, 7399, 7403
protozoa 339, 340
respiration 887, 3550, 4243, 5865, 5924, 5926, 6709, 7231, 7393, 7403
study methods 3560, 5926, 7400, 7403, 7404, 7405
Soil chemistry
Al 1420, 3537, 3547, 6708, 7386
analysis 1194, 1420, 1421, 2649
base content 2814, 2817, 2830, 7396
base exchange capacity 2830, 5921
book 5850
C 18, 564, 734, 845, 1420, 2388, 2615, 3527, 4242, 7228, 7393
Ca 1420, 1421, 2388, 2397, 3374, 3537, 3542, 3547, 3596, 4252, 6401, 6904, 7231, 7395
C/N ratio 954, 7395
Cu 335, 6747
Fe 1420, 7386
fire effects 901, 902, 954, 3596, 4301, 6002, 6004
Hg 354
inorganic 863, 2420

Soil chemistry *contd.*
K 734, 1421, 3482, 3537, 3542, 3547, 3571, 3596, 4427, 6004, 6700, 6904
leaching 853, 871, 2813, 5665, 6700
Mg 349, 1421, 2397, 3537, 3542, 3547, 4252, 6401, 6904
minor elements 6708
Mn 3542, 7231, 7386
N 18, 335, 734, 845, 861, 871, 875, 2388, 2811, 3372, 3482, 3527, 3537, 3542, 3553, 3571, 3596, 4427, 5665, 5908, 5914, 5966, 6004, 6395, 6401, 6700, 6718, 6904, 7228, 7231, 7387, 7401, 7507
Na 734, 3537
Ni 2397
nutrient cycle 346, 347, 5665, 5968, 6002, 6737
nutrient depletion 3374, 3537, 4275
nutrient supply 18, 334, 336, 844, 853, 862, 871, 872, 2184, 2389, 2396, 2398, 2804, 3188, 3537, 3547, 3569, 4262, 4275, 5782, 5883, 5965, 5967, 5980, 6708, 6904, 7391, 7392, 7486, 7507
organic 18, 333, 564, 734, 845, 861, 2390, 2615, 3372, 3482, 3537, 3596, 3672, 4241, 4243, 5966, 6401, 7228, 7393
oxidation/reduction potential 3248
P 335, 843, 1420, 3248, 3537, 3542, 3547, 3571, 3596, 4427, 5963, 6004, 6401, 6700, 6904
Pb 6747
pH 335, 844, 845, 954, 1420, 1537, 1891, 2388, 2396, 2420, 2703, 2812, 2813, 2815, 2817, 2818, 2830, 3482, 3537, 3542, 4047, 4252, 4427, 5782, 5914, 6700, 6708, 6904, 7061, 7231, 7393
S 3568
Si 7386
study methods 852, 2184, 3571, 7387
Zn 6747
Soil conservation (*see* Conservation, soil and water)
Soil erosion (*see* Erosion)
Soil fertility 17, 218, 336, 436, 2397, 2753, 3145, 3546, 3549, 4107, 4251, 4620
effect of logging 2819, 4275
effect of tillage 7397
soil-improving species 335, 3188, 4262, 4791
Soil formation processes 846, 2392, 2816, 3532, 4249, 6701, 6702, 6703, 6704, 6705, 7106, 7687
book 2393
Soil physics
bearing characteristics 7384
book 2386
density, compaction 564, 1418, 1419, 1935, 2387, 2420, 2831, 3526, 4338, 5753, 5904, 5907, 6875, 7385
electrical properties 7393
erodibility 3526
fire effects 901
porosity 564, 570, 2387, 3522, 3526, 3596, 4648, 4838, 5904, 5905, 5906, 6561, 6713
structure 2387, 3525, 4713
temperature 1538, 2420, 2915, 6598, 7383, 7575
texture 3482, 5906
wettability 570, 3596
Soil sterilants 3683, 4506
Soil survey and mapping 323, 849, 3537, 3538, 4240, 5873, 5874, 5887, 6683, 7394
Soil toxicity 599, 2721, 4792
Soil types 2393
acid 2396, 2401, 2812, 3553, 7395
alfisol 2420
alkaline 2812, 5918
book 3540
brown forest 3522, 3524, 3539, 6703, 6705, 7386
brown soils 2396, 6703, 7172, 7395
calcareous 436
carbonaceous 673
chernozem 3525, 3816, 7396
chestnut 3816, 7229
cinnamon-brown 3824
clay 2475, 3304
ferrallitic 2387, 2392
glacial and moraine 3544
Soil types *contd.*
gleys and pseudogleys 849, 3522, 4262, 4391, 5691, 5764
grey forest 4249
heathland 3553
karst 5177
lateritic 7393
latosol 2390, 6170
loess 564
peat 209, 862, 867, 2702, 2816, 3304, 3495, 4041, 6555, 6573, 6718
podzolic 2400, 3544, 4107, 5865, 5921
podzols 2390, 2813, 4262, 7379, 7382
red 5905
rendzina 7379
saline 2721, 3135, 4792
sands 436, 1418, 1419, 2753, 3304, 3544, 4252, 4262
solonchak 2721
solonetz 2721, 5669, 7414
swamp 336, 868, 5922
tropical 17
volcanic 3545, 7381
Soil water 7575 (*see also* Groundwater)
deficiency 840, 2822, 3583, 7415
depletion by trees 3561, 3882
depletion by vegetation 1890
effect of tillage 4838, 7413
effect on growth and development 851, 855, 2822, 3246, 3561
freezing/thawing 4241
infiltration 564, 2420, 3559, 5904, 6710
measurement 344, 851, 852, 853, 2403
movement 852, 853, 5906
patterns of depletion 2822, 5933
physiological aspects 851, 1954, 3561, 7414
systems analysis and simulation 5935
water balance 344, 840, 853, 904, 2142, 6710
Solomon Islands
book 1434
development, forestry 3212
forests and forestry 2670
nature conservation and reserves 2670
timbers 1434
South Africa
afforestation 1208
amenity forests, parks 1178, 7726
apiculture 255
arboreta 2633, 2639
bibliography 6758
biological control 1300, 1301
book 1503, 3648
breeding, tree 1074, 1525, 1977, 6835, 6836
catchment areas, management 1155
choice of species 180, 181, 689, 2240, 2275, 2276, 2277
climate 4422
dendrochronology 3174, 6459
diseases, tree 1323, 1540, 2027, 2447
ecology, forest 419
education and training 2224, 2677
energy resources 1210
environmental conservation 7726
erosion 2146, 2606
farm forest(ry) 2146, 2621
fertilizers 2697
fire 908, 919, 952
fire control 101, 920, 950, 1016, 1433
flora/check lists 992, 2455
forest administration 655, 1410
forest policy 655, 1208, 1210, 1406
forest site classification 6651, 6652
forests and forestry 1503
history, forest(ry) 2216
insects 2083
insurance, forest(ry) 1228
labour, forest 1319, 2676, 2677, 2678, 5600, 5601, 5602
land use 5826
landscape 2636
legislation 101
management, forest 576, 769, 5826
mangroves 3648
marketing 1406
mechanization of forest operations 2677, 2678, 5598, 5600, 5601, 5602
mycorrhiza 1537, 2027, 3675, 7560
nature conservation and reserves 419, 576, 952, 1176, 2455, 2464, 2633, 2634, 3649
South Africa *contd.*
nursery management 212, 1275, 1726, 1736, 2268, 2697, 2706, 3395, 3396, 5381, 5598, 7200, 7201
ornamental trees and shrubs 180, 689, 2637
pests, general 47
Pinus 4817
plantations 5600
planting stock 7202
Porotermes planiceps 2063
productivity, forest 1818, 1819, 2469
propagation 1077, 2268
provenance studies 131, 1252, 1696, 2239, 2681, 4005
recreation, forest 1176, 1178
research 6105, 7159, 7160
seed production 1977, 2248
shelterbelts 567, 2146
silviculture 769, 2275, 2276, 2277, 5600
spacing 1814, 5805
surveying and mapping 2471
surveys, forest 1392, 2788
thinning 1315, 1319, 4796, 5747
trees and shrubs 4305
trees and shrubs for 180, 181, 689, 2240, 2275, 2276, 2277
urban and suburban forest(ry) 2637
vegetation types 576, 919, 920, 1513, 2405, 2463, 2464, 2465, 2467, 2468, 2469, 2470, 2471, 3649, 4398, 4403, 4422, 6105, 7474
vegetational history 908, 2460
volume tables 3497
weed control 234, 746, 1300, 1301, 1306, 1308, 2293, 2299
wildlife 1582, 1585, 2117, 2589
work studies 1319, 2676, 5600
Southwest Africa, flora/check lists 992, 1505
Sowing, direct 4789
methods and equipment 247, 1284, 3451, 4135, 5684, 6365
protective measures 2734, 5368, 7218
site preparation 2734, 3417, 5684
time/season 4135
vs. planting 2754, 7218
with treated seed 3417, 5672, 7218
Spacing 1298
ecological effects 5422
economics 2751, 3484, 3500, 4109, 5687, 6616, 7170
effect on growth and form 629, 736, 737, 768, 1285, 1679, 1745, 1751, 1814, 2311, 2349, 2700, 2728, 2729, 2780, 3413, 3444, 3445, 3500, 4077, 4078, 4109, 4174, 4799, 5356, 5690, 5696, 5805, 5985, 6592, 6616, 7170, 7239, 7702
effect on wood properties 737, 886, 2728, 3500, 3587, 4078, 4279
Spain
afforestation 218, 5160
catchment areas, management 5183
Cinara cedri 4538
credits and subsidies 1227
development, forestry 5062, 5137, 5144
education and training 4908, 4924
fertilizers 5501
fire 927
fire control 1922
fires, forest 928, 2425
fishing and fishery management 5219
fungi 5233
hunting 4968, 5219
labour, forest 5261
legislation 1227
management, forest 4944, 5160
minor forest products 5406
mountain forests and forestry 5144
national parks 5470
nature conservation and reserves 927, 4944, 5454, 5470
pollution, air 2828
Populus × *canadensis* aggr. 4775
precipitation 7687
recreation, forest 4954, 5470
seed production 5230
shelterbelts 5183
silviculture 218
soil survey 218
surveys, forest 4868, 5350
taxation 1227
vegetation types 218, 2980, 3645, 3646

Spain *contd.*
volume tables 1802
weed control 233
wildlife 2126, 5219, 5454
Species trials 190, 611, 1248, 1250, 2970, 3304, 3937, 3999, 4006, 4008, 4009, 4010, 4011, 4012, 4764, 4771, 4777, 4778, 4779, 4781, 4791, 4846, 5116, 5603, 5606, 5614, 5617, 6144, 6364, 7173, 7174, 7285
Specimens and samples, collection 3726
plant materials 1508, 1626
Spiders 1574
Spores, atmospheric (*see* Pollen and spores, atmospheric)
Spraying equipment 6603
Squirrels 1139, 1584, 1863, 2583, 2593, 5738, 6347, 6353, 7027
Sri Lanka
catchment areas, management 4636, 4637
development, forestry 5537
flora/check lists 6800
nature conservation and reserves 4636, 4637, 4702
provenance studies 131, 4000, 4001, 4002, 5604
resources, forest 5537
vegetation types 4702
wildlife 1605
St. Helena, forests and forestry 5095
Stain fungi 4571, 4572
Stand characteristics
age structure 1004, 1354, 3249, 4178, 5682, 6586, 6640, 6662, 6806, 7240, 7286, 7488, 7670
composition 277, 294, 1006, 1007, 1013, 1807, 1808, 4107, 4108, 4255, 7348
density 265, 751, 792, 805, 1013, 1285, 1330, 1353, 1375, 1814, 2302, 2337, 2346, 3433, 3485, 3498, 3499, 3571, 4108, 4120, 4181, 4185, 4891, 5422, 5747, 5748, 5752, 5805, 5822, 6653, 7271, 7327, 7670
description 4158, 4370, 6813
development 265, 624, 630, 733, 1285, 1328, 1380, 1746, 3481, 3762, 3882, 4369, 4840, 6112, 6644, 7336, 7349
development stages 806
mortality/survival 29, 751, 794, 840, 4370, 7362
projection 637, 1807, 1808
quality 7335
spatial distribution of trees 313, 792, 1366, 3474, 4369, 4378
structure 313, 633, 1013, 1354, 1362, 1807, 1808, 2279, 2474, 2769, 2793, 3469, 3474, 3481, 3490, 3493, 3849, 4058, 4178, 4181, 4255, 4386, 5679, 5750, 5819, 5838, 6112, 6609, 6644, 7141, 7335
survey methods 2337, 3469
systems analysis and simulation 630, 794, 1380, 2346, 2769, 2783, 3498, 3762, 4181, 4369
Standard
arboriculture 1191, 1192, 7096
financing 7370
fungi 7307
landscape 7096
planting 1191, 1192
planting stock 114, 115, 116, 1192
safety 5273
Statistical methods (*see* Mathematical and statistical methods)
Statistics, forest 74, 7142, 7146, 7150
world 5520
Stem, growth and development 591
Stem analysis 4068, 4164
Stem form 2767, 4315
crook, sweep 3442, 3445
equations 1353, 3473, 4164, 6639
excentricity 1429
forking, multiple stems 1722
height/diameter ratio 5798
lean 1429, 1722, 1944, 7378
taper 264, 4159, 6653 (*see also* Form factors)
Stemflow 36, 346, 4263, 4646, 7052
Stomata 353, 602, 612, 1423, 1441, 1888, 1889, 1899, 1954, 2402, 2413, 2915, 4256, 4316, 5929, 5941, 5943, 5950, 5954, 5955, 6029, 6867, 7411, 7426, 7463
Strain gauges 2418, 3585
Stratification (*see* Seed treatment, assisting germination)
Stream flow 6357, 6372, 6373, 7043, 7044, 7045, 7046, 7047, 7048, 7049, 7099
effect of forestry practices 10, 566, 2601, 3575, 5903, 6387, 7684, 7685
measurement 1150, 1152
relation to local vegetation 2142, 4641
systems analysis and simulation 6387
Stream training 7693 (*see also* Torrent training)
Streams
ecology 2466, 7694
erosion and deposition 2466, 7694
land-use aspects 5981, 6359, 6392
Street trees 124, 582, 1163, 1185, 2409, 2642, 2711, 3632, 6036, 7749 (*see also* Ornamental trees and shrubs)
Strength of wood, bending 3585
Stump removal 3447
Stumpage value and fees 1655, 3475, 5848
Stumps
disease hazard 2507
flora and fauna 2503
living 2345, 4802
treatment 2287
Stumpwood, measurement 3476
Subsidies (*see* Credits and subsidies)
Succession (*see also* Fungi, succession)
anthropogenic 6726
climaxes 1974, 3638, 6088, 6112, 6396, 6818
colonization, invasion 2767, 4239, 4812, 6802
on former fields 2153, 3638, 4266
on mining wastelands 3252
relation to biotic factors 2975, 6802, 7672
relation to climatic factors 938, 3247, 6802
relation to felling and logging 734, 1327, 1974, 6732
relation to fire 897, 938, 944, 949, 1770, 1974, 2993, 3253, 4294, 5992, 6000, 6088, 6756, 6802, 7666
review 6726
role of plant species 1007, 2993, 2995, 4066, 6112, 6396, 6827
seral stages 418, 1007, 1014, 4066, 5438, 6585
study methods 2470
systems analysis and simulation 3635, 4294, 4600
Suckering 1346, 4038
Sudan
browse 2975
energy resources 6516
erosion 1972, 2149, 2607
grazing and pasture 2104
gums 1792
irrigated stands 2147, 2148
plantations 1652
resources, forest 1652
shelterbelts 2147, 2148, 2149, 2150
succession 2975
thinning 1763
vegetation types 1972, 3904
Sunspots (*see* Climatology, climatic variations)
Suriname
agrisilviculture 5206
labour, forest 5277
vegetation types 4418
Surveying and mapping 321, 322, 323, 1386, 2471, 3837, 5834, 5838, 5875 (*see also* Soil survey and mapping; Surveys, aerial, mapping; Vegetation, general, survey and mapping)
computer techniques 2794
data recording and processing 307, 824, 2794
estimation of areas 5548, 5549, 5550
field work 3644, 5860
instruments and equipment 304, 834
Surveys, aerial
forest-injury studies 1394
mapping 1386
photo interpretation 7366
photography 1386, 1394, 1555, 7366
vegetation studies 1394
Surveys, forest 278, 292, 1013, 5333, 5338, 5340, 5342, 5344, 6680 (*see also* Inventory, forest; Regeneration surveys)
data recording and processing 313, 821, 1395, 2368, 2370
sampling methods 313, 1395, 2373, 6684, 6685
Swaziland
flora/check lists 992
logging 770
Pinus patula 5380
productivity, forest 4173
Sweden
breeding, tree 1021, 3001
choice of species 4013
climate 5936
dendrochronology 6032
economics, forestry 6691, 6692
education and training 105
energy resources 2235, 2236, 6516
fertilizers 718, 1274, 2261, 2700, 3372, 3373, 3374
forest industry 106
forest production 5364
forest site classification 1370, 1371
forests and forestry 1641, 4901
fuel plantations 2235, 2236
history, forest(ry) 105, 106
Hylobius abietis 533, 534, 6263
labour, forest 760, 1203, 1240, 2230
land use 2236
landscape 1173
legislation 3001
logging 7292
machines, tools, equipment 760, 761, 1284, 5781, 7292
management, forest 302, 1389, 1641, 2723, 7144
mechanization of forest operations 4740, 5004, 5147
microclimatology, micrometeorology 5940
nursery management 1468, 1469, 1734
plantations 7144
planting 1240, 1284
planting stock 1472
pollution, air 1426
precipitation 5951
private forest(ry) 718, 760, 1203, 1389
propagation 2926, 5637
provenance studies 693, 1249, 1686, 1687, 4013
pulpwoods 2728
recreation, forest 1317, 4953
remote sensing 317, 824
Salix 7540
seed production 1027, 1260, 1440, 1490, 1491
silviculture 2723, 4901, 7144
site preparation 1284, 5781
sowing, direct 1284
spacing 886, 2700
species trials 7540
statistics, forest 2791
surveys, forest 283, 302, 306, 307, 317, 824, 2790, 2791, 4201, 5343
thinning 752, 760, 761, 763, 1240, 1316, 1317, 1318
Tomicus 6973
T. piniperda 1572, 3089
trees and shrubs for 4013
vegetation types 6121
weed control 231
wildlife 742, 3126, 4609
work studies 718, 1240
yield studies 621, 627, 630, 795
yield tables 1379
Sweep (*see* Stem form, crook, sweep)
Swine (*see* Pigs)
Switzerland
afforestation 3635, 6580
amenity forests, parks 3921
associations, societies 5531
avalanches 4227
book 747
breeding, tree 4432
browse 5832, 6339
coppice 5680
credits and subsidies 3273
dendrochronology 6460
development, forestry 7063
diseases, tree 1898, 6905
drainage, land 3522, 6580

Switzerland *contd.*
ecology, forest 6125, 6501
economics, forestry 5842
education and training 5588, 6501
energy resources 3926, 3995
erosion 6309
Fagus sylvatica 5769
forest administration 4227, 5519, 5532
forest ownership 3921, 5519, 5532, 5680
forest policy 1206, 3926, 3995, 5530, 5531, 7063
forests and forestry 3918
fuel plantations 3926
grazing and pasture 6309
insects 6282, 6293
labour, forest 5586, 5588, 5591
land use 4662, 4711, 7063, 7746
landscape 3852, 7746
landslides 6580
legislation 3273, 5530, 5533, 5569, 7089
management, forest 1206, 3273, 4196, 6319
mechanization of forest operations 5842
mountain forests and forestry 3190
mycorrhiza 6874
nature conservation and reserves 3635
Picea omorika 6024
pollution, air 1898, 5569, 5976
legislation 5975
private forest(ry) 5532, 5533
protection forest 3190
provenance studies 4432
public relations 5584
Quercus 5770
recreation, forest 4711, 7089
regeneration, natural 4384
roads 6693
shelterbelts 6252
silviculture 3190, 6580
site preparation 1299
soil types 3522
species trials 5617
Stilpnotia salicis 6252
succession 3635
surveys, forest 5832
tending of stands and trees 747
thinning 5750, 6319
trees and shrubs for 5617
urban and suburban forest(ry) 4711
vegetation types 3635, 3639, 4425
wildlife 5832, 6125, 6319, 6322, 6329, 6339, 6345
work studies 5591
yield tables 6665
Zeiraphera diniana 2545, 2546
Symbiosis 3673, 3718, 3719, 3720, 3721, 3722, 3723, 3724, 6366
Synecology
classification of communities 432, 1015, 1511, 1512, 2462, 2463, 2464, 2465, 2468, 2478, 2479, 2982, 2990, 4393, 4425, 5017
composition of plant communities 412, 415, 430, 662, 1006, 1007, 1013, 1015, 1018, 1510, 1511, 1513, 1514, 1614, 1746, 1752, 1817, 1971, 2426, 2455, 2465, 2467, 2471, 2473, 2474, 2475, 2476, 2477, 2481, 2980, 2981, 2989, 2992, 3007, 3649, 3650, 3654, 3655, 3835, 3873, 3923, 4067, 4378, 4382, 4383, 4394, 4395, 4396, 4397, 4398, 4400, 4421, 4633, 4636, 4687, 5819, 5888, 5970, 6099, 6100, 6101, 6103, 6104, 6107, 6114, 6117, 6118, 6120, 6121, 6122, 6123, 6349, 6721, 6806, 6816, 6817, 6824, 6829, 7108

composition of plant communities in relation to
biotic factors 1011, 4995, 6116, 6823
climatic factors 429, 4389, 4392, 6823, 7474
fire 365, 888, 896, 926, 937, 939, 944, 951, 952, 1011, 2840, 4293, 5992, 6088, 6119, 7667
land use 6823
physiographic/topographic factors 294, 1005, 1975, 3538, 4385, 4388, 4423, 4865, 6102, 6823, 6826
site factors 436, 1011, 3487, 4384, 5862, 6728, 6729, 6759

Synecology *contd.*
composition of plant communities in relation to *contd.*
soil factors 2472, 2478, 2479, 2482, 2994, 3538, 3541, 5862, 5873, 5874, 6102, 6113, 6115, 6823
conferences, symposia 1003
ecotones 2985, 4385, 7503
layer structure of plant communities 1010, 1018, 1515, 1817, 2474, 4397, 4426, 4427, 5438, 6118, 6806, 6807, 6829 (*see also* Ground vegetation)
spatial distribution patterns 4369, 4378, 5438
species diversity 1752, 2474, 3238, 6116, 6120, 6121
study methods and measurements 2468, 2982, 3007, 4378, 5020, 6806
systems analysis and simulation 3541, 4369, 6349, 6807
theory 3007
Systems analysis and simulation 264, 291, 521, 618, 619, 624, 630, 637, 796, 975, 1168, 1524, 1671, 1801, 2186, 2405, 2605, 3477, 4599, 5018, 5763, 5921, 5939, 5940, 5941, 5942, 5943, 5947, 5948, 5949, 5950, 6353, 6385, 6408, 7334, 7390, 7737 (*see also under* subject concerned)
Tannins (*see* Chemical constituents of plants, organic, tannins)
Tanstuffs 782, 3454, 5410
Tanzania
breeding, tree 6834
choice of species 3905
climate 3518
development, forestry 2159
fuelwood 3303
labour, forest 3294
land use 2159, 4664
logging 5746
plantations 5543
provenance studies 145, 156, 2238, 4009, 5609
regeneration 4664
research 5543
silviculture 5543
spacing 4174, 5822
species trials 4006, 4009
surveys, forest 2371
thinning 3453, 4174, 5822
trees and shrubs for 3905, 4006
vegetation types 5222
volume tables 3480
weed control 4092, 7228
wildlife 4614, 5222
work studies 3453, 5746
yield studies 619
yield tables 2356, 5822
Taper, stem (*see also* Form factors)
Taungya (*see* Regeneration, artificial, combined with agriculture)
Taxation 102, 663, 1207, 1227, 1659, 1844, 1875, 3276, 3277, 3966, 4216, 5535, 5875, 7157, 7158, 7370
Taxonomy 989, 1481, 5034, 6068, 6069, 6076, 6077, 6078, 6079, 6768, 6787, 6788, 6789, 6790, 7450, 7451, 7453, 7454, 7456, 7457, 7458, 7500 (*see also* Chemotaxonomy)
book 1497, 2968
Tending of stands and trees 3183, 3193, 5272, 5567, 5751, 6622, 7730 (*see also* particular operations e.g. Pruning, Weed control in plantations)
book 747
economics 1328
Terminology 3981, 3983, 7425
bibliography 5512
English 5513
French 3984, 4188
German 5513, 6461
Italian 3982
Termites
attractants 6934
biology and ecology 26, 27, 33, 34, 2063, 2064, 2065, 2066, 2587, 3075, 3723, 3727, 4534, 4535, 4536, 6231, 6923, 6934, 6936, 6938, 7604
book 6231
control 4534, 6231, 6936, 7600, 7604
damage by 6231

Termites *contd.*
plant pests 3075, 6231, 6934, 6936, 7604, 7605
resistance to 6231, 6935, 7605
study methods 6937
timber pests 2064, 3075, 4535
Terracing (*see* Contour ridging, trenching and terracing)
Terrain classification and effects 842, 5333, 5576, 5859, 6684, 6685, 7143
Thailand
afforestation 2659
agrisilviculture 5203, 5204, 5210
catchment areas, management 5190
development, forestry 3223
Dipterocarpaceae 7445
diseases, tree 56
edible plants 5232, 5238
farm forest(ry) 5538
fire 903
fungi 5238
insects 56, 7599
international aid and collaboration 3223
land use 5538, 7081
management, forest 3203
national parks 5449
Petrova 7601
provenance studies 131
shifting cultivation 5194, 5195, 5538, 7721
vegetation types 3644
wildlife 4613, 5218
Thermal relations of plants 404, 592, 593, 601, 602, 603, 1031, 1882, 1952, 1954, 2016, 2803, 3590, 3609, 4235, 4326, 6025, 6058, 7217, 7468
Thinning 2698, 4796, 4803
chemical 239, 1673, 1764, 2290
criteria 2300, 2303, 2339, 4814, 4891, 6609
early non-commercial 761, 1322, 2749, 3413, 4099, 5768, 7192, 7275
ecological effects 238, 624, 1317, 1321, 2744
economics 752, 753, 756, 757, 760, 1315, 1317, 1319, 1673, 1897, 2290, 2351, 2355, 2747, 2751, 3430, 3436, 3453, 4100, 4102, 4103, 5754, 6680, 7233
effect on edaphic factors 1321, 3434, 3576, 5753, 5907
effect on form 1763, 4174, 6611, 7232
effect on microclimate 5754
effect on wood properties 2417, 3584, 6611, 7232
frequency 2745, 4095, 4098
hydrological effects 3434
in mixtures 241, 7234
logging and transport 1316, 4096, 7143
machines, tools, equipment 748, 750, 752, 753, 755, 758, 759, 760, 762, 764, 765, 779, 781, 1310, 1311, 1312, 1313, 1337, 1673, 1781, 1787, 1788, 2746, 2747, 2756, 3284, 3430, 3453, 4128, 4129, 5284, 5285, 5286, 5757, 5758, 5775, 5776, 6610, 7234
mechanical 756, 762, 763, 1315, 1673, 1920, 2300, 2302, 3284, 3430, 3435, 4097, 4099, 4101, 5754
mechanization 749, 753, 754, 761, 764, 765, 1321, 1897, 2744, 3430, 5001, 5907
natural 2745, 3576, 4181, 7192
planning, organization 748, 749, 754, 1321, 1322, 1383, 2747, 3197, 3198, 3432, 4120, 5745, 7271, 7335
relation to abiotic injuries 1414, 3301
relation to disease 501, 2507, 3431, 6186
relation to pests 1555
systems analysis and simulation 762, 763, 816, 1762, 3436, 3437, 5757, 7277
types and grades 238, 281, 751, 756, 760, 763, 816, 1314, 1317, 1319, 1320, 1330, 1382, 1383, 1762, 1767, 1821, 1920, 2193, 2300, 2301, 2302, 2351, 2355, 2745, 2748, 2749, 2750, 2751, 3301, 3363, 3430, 3431, 3432, 3433, 3434, 3435, 3436, 3437, 3438, 3444, 3498, 3500, 3576, 4095, 4097, 4098, 4099, 4100, 4101, 4104, 4174, 4186, 4809, 4814, 4859, 5001, 5739, 5747, 5748, 5749, 5750, 5752, 5754, 5755, 6186, 6319, 6611, 6612, 6680, 7232, 7324, 7335

Thinning *contd.*
utilization 1317, 1318, 1383
volume determination 1920, 3576, 6609, 6680
work studies 761, 762, 764, 1240, 1312, 1313, 1319, 1321, 1673, 1787, 2746, 2756, 3284, 3450, 3453, 4096, 4102, 4128, 5252, 5758, 6610
3P sampling (*see* Inventory, forest, sampling methods)
Ticks 4582
Timber trade
economics 644
wood supply and demand 644
Tissue culture 707
callus 7481
viability tests 706, 708
Tools and equipment 249, 1284, 1784, 3295, 3440, 5287, 5776, 5790, 7660, 7697, 7709
Torrent training 5181
Toxicity (*see* Soil toxicity)
Trace elements (*see* Chemical constituents of plants, inorganic, minor elements; Deficiency, nutrient, minor elements; Fertilizers, minor elements; Nutrition, plant, minor elements; Soil chemistry, minor elements)
Tracks, trails 876, 2170, 7727
Tractors and skidders 249
ancillary equipment 777, 1337, 1338, 1339
crawler types 3449, 4125
design 6623
economics 7295
makes and specifications 780
operational handling 1338
wheeled types 1337, 3449
work studies 1789, 6623, 7295
Trailers 2756
Training of forest workers (*see* Education and training)
Translocation 3612
Transpiration 973, 1887, 2822, 5932, 5934, 5954, 5957, 5958, 7409, 7414, 7416
Tree classes 2193, 6467
Tree guards (*see* Guards, tree)
Tree surgery 5487
wound dressings 1187, 3171
Treelines and timberlines 603, 2459, 2807, 3167, 4259, 4385
Trees and shrubs, general 3628, 3629, 3630
bibliography 1959
book 3633
Trees, statics/dynamics 7320
Trimming (branch removal) 748, 764, 765, 1897, 3450, 7292
Trinidad and Tobago, environmental conservation 3813
Tristan da Cunha, vegetation types 4420
Tropical forests and forestry 12, 14, 36, 71, 423, 642, 654, 662, 1197, 1610, 1633, 1634, 1635, 1636, 1653, 1654, 1868, 2480, 2654, 3153, 3202, 3203, 3220, 3225, 3238, 3243, 3280, 3286, 3287, 3289, 3291, 3412, 3637, 3807, 3889, 3893, 3894, 3896, 3898, 3899, 3902, 3912, 3915, 4075, 4307, 4669, 4692, 4693, 4694, 4697, 4760, 4871, 4872, 4873, 4874, 4876, 5022, 5215, 5275, 5289, 5303, 5326, 5387, 5457, 5458, 5466, 5468, 5509, 5521, 5522, 5523, 5544, 5751, 5827, 5880, 6164, 6388, 6411, 6413, 6416, 6429, 6473, 6474, 6530, 6658, 6805, 7081, 7169, 7324, 7325 (*see also* Tropical timbers; Vegetation types, tropical)
bibliography 3181
book 4373
Tropical timbers 1934
Truncheons (*see* Propagation, vegetative, setts and truncheons)
Tundra (*see* Vegetation types, tundra)
Tunisia
agrisilviculture 5175
development, forestry 5130
forest administration 5130
grazing and pasture 5246
hydrology 4638
minor forest products 5405
Turkey
national parks 7087
palaeoecology 7502
Turkey *contd.*
Pinus 7502
vegetation types 6099, 6100, 6101
Turpentine 3660, 4146, 4149
Uganda
breeding, tree 682, 6834
diseases, tree 2446
fertilizers 1720
plantations 1720
planting 2285
provenance studies 131, 155, 682
thinning 1767, 2301
vegetation types 5222
weed control 1720
wildlife 5222
yield studies 619
Underplanting 130, 1602, 2333, 4122
Underwood 6585, 6827, 6828
ecological aspects 28, 238, 419, 1005, 6438
Upper Volta
nursery management 6588, 6589
plantations 6588, 6589
planting stock 6588, 6589
provenance studies 685
Urban and suburban forest(ry) 1185, 1620, 1935, 2178, 2637, 3157, 3170, 3272, 3590, 3853, 4704, 4711, 4713, 4955, 5484, 5485, 5488, 5493, 5495, 5496, 5578, 5590, 6445, 6446, 6447, 6448, 6449, 6482, 7094, 7729
URUS cable crane 6610
USA
accidents 5271, 5276
amenity forests, parks 1607
biological control 2010
birds 3760, 3769
book 5835
breeding, tree 1067, 2040, 6129, 6858, 6859, 7521, 7523, 7548
catchment areas, management 5893
conferences, symposia 1457
credits and subsidies 4737, 5157
development, forestry 4737, 5136
diseases, tree 2009, 2010, 2011, 2012, 2040, 2041, 3032, 3699, 4490, 6884
documentation and information services 917, 6506
ecology, forest 5020
economics, forestry 2218, 5146, 5845, 5847
education and training 4928, 5306, 5578, 5579, 5580, 5581, 5582, 5583
energy resources 6516
environmental conservation 6571
farm forest(ry) 7083
fertilizers 6566, 6570, 6571
fire 917
fire control 916, 4291, 4295, 5085
fires, forest 4290
fishing and fishery management 3132, 3756
flora/check lists 2458
forest administration 916, 1663, 5070, 5133
forest industry 5559
forest ownership 5555, 5558, 5563
forest policy 1663, 5104, 5560
forest site classification 5891
forests and forestry 4725, 4806, 5596
grazing and pasture 3756, 3757
history, forest(ry) 1828, 5554, 6493
hydrology 6392
irrigated stands 6565
Juglans nigra 3446
labour, forest 5268, 5301, 5302, 5306, 5592, 5594
land classification 7070, 7073, 7074
land use 622, 659, 3756, 3757, 4290, 4291, 4295, 4982, 5835, 7077, 7717
legislation 659, 1220, 5104, 5271, 5570, 6498, 6570, 6571
Lymantria dispar 2553
machines, tools, equipment 750
management, forest 659, 818, 1220, 1607, 3756, 3757, 5070, 5104, 5136, 5200, 5428
microclimatology, micrometeorology 7255
mycorrhiza 3679
national parks 4690, 7087, 7727
nature conservation and reserves 4684, 4700, 4701, 4982, 5268, 5570
USA *contd.*
nursery management 1457, 3679
Orgyia pseudotsugata 6254
parasites and saprophytes 4465, 6884
Pinus 'Southern' 5557
planting 224, 5779
pollen 988
pollution, air 2832
private forest(ry) 2218, 5553, 5555, 5556, 5558, 5560, 5563, 5845
propagation 3032
provenance studies 1985, 2489
public relations 1663, 7151
recreation, forest 3163, 4958, 7090, 7727
regeneration 7211
remote sensing 5835, 7363
research 5012
resin-tapping 2764, 2765
resources, forest 1742, 5335
seed production 2951, 2964, 6129
shade trees 4093
shelterbelts 5200
silviculture 1743, 4806, 5000, 5847
surveys, forest 1871, 5335
thinning 1821, 5907, 7277
trees and shrubs 6796
urban and suburban forest(ry) 5578
vegetation types 3756, 3757, 4700, 4701, 6814
vegetational history 4700
weed control 1757, 2296, 3426, 5737
wilderness 7090
wildlife 7674
yield studies 1821
USA, Alabama
nursery management 5732
thinning 5753
vegetation types 6826
weed control 5732
USA, Alaska
browse 1586
Dendroctonus rufipennis 7626
diseases, tree 4481, 4482
documentation and information services 6505
fishing and fishery management 2139
land use 6462
peatlands 2816
thinning 237
vegetational history 2816
wildlife 1586
USA, Arizona
birds 6344
catchment areas, management 5182
Dendroctonus 536
fertilizers 2938
fire control 365, 6753
fishing and fishery management 6373
fungi 6165
grazing and pasture 3758
hydrology 6373
land use 3758
landscape 7737
management, forest 1235
parasites and saprophytes 521
public relations 1235
regeneration, natural 4053
seed production 2938
soil survey 5873
vegetation types 3758, 5873
wildlife 6350, 6373
USA, Arkansas
Dendroctonus frontalis 6261, 7627
fertilizers 3375, 5663
forest site classification 5814
snow damage 7378
thinning 3375
USA, California
Armillariella mellea 500
biological control 3729
birds 7029, 7030
browse 4604, 6000
climate 2378
Dendroctonus brevicomis 6277, 6278
diseases, tree 67, 3039, 3040, 4559
education and training 5304
energy resources 6514
Erythrina 4353
fire 899, 903, 908, 933, 935, 937, 938, 944, 947, 949
fire control 911, 913, 931, 940, 941, 942, 948, 2842, 4296, 4666

USA, California *contd.*
fires, forest 364, 932, 4303, 5992, 5997, 6000, 6004
fishing and fishery management 2138, 7047, 7048, 7049
forest policy 7720
hydrology 7047, 7048, 7049, 7692
labour, forest 5304
land use 4666, 7720
Lithocarpus densiflorus 7274
logging 7692
management, forest 921
nature conservation and reserves 913, 948, 1859
nursery management 3039, 5894
Orgyia pseudotsugata 2550, 6249
pollution, air 5977
productivity, forest 3490
Quercus 7274
remote sensing 4205
resources, forest 5545, 7720
roads 6690
Schlettererius cinctipes 7007
Scolytus multistriatus 4557, 4559
Sesiidae 6946
soil survey 4240
soil types 4240
sowing, direct 7218
succession 938, 949, 5992
surveys, forest 5545
vegetation 935
vegetation types 343, 364, 921, 4417, 5807, 5888, 6004
vegetational history 908, 933, 937
weed control 229, 2295, 4604, 5738
wildlife 2114, 2115, 4604, 5738

USA, Colorado
avalanches 7054
browse 7669, 7670
catchment areas, management 565
Choristoneura occidentalis 1578
climate 327
Dendroctonus ponderosae 4571
diseases, tree 2916, 4555, 4571
land use 3909, 4599, 7054
landscape 7737
management, forest 3909, 4599, 5829
mycorrhiza 6879
parasites and saprophytes 521
Pityophthorus opaculus 6983
reclamation of degraded land 6879
Scolytus multistriatus 4555
seed production 2923
wildlife 4610, 7669, 7670

USA, Connecticut
diseases, tree 510
Lymantria dispar 4544
management, forest 6672
surveys, forest 7336
wildlife 3792

USA, Delaware, diseases, tree 2043

USA, eastern
diseases, tree 4556, 7555
hydrology 5981
labour, forest 5590
logging 5903, 5981
regeneration, natural 7252
Scolytus multistriatus 4556
silviculture 5903
urban and suburban forest(ry) 5590

USA, Florida
breeding, tree 6902
diseases, tree 3056, 3063, 3064, 3704, 4480, 6197, 6896, 6902, 6904, 6920
fertilizers 5500, 6554
fish 3133
management, forest 561
minor forest products 1342
nurseries, tree 6920
research 953
resin-tapping 68
yield studies 296, 623

USA, Georgia
breeding, tree 6857, 6902
Dendroctonus 536
diseases, tree 2952, 6902
drainage, land 7688
economics, forestry 6495
Elliottia racemosa 6098
fertilizers 4670, 7192
fire control 911
irrigated stands 6552

USA, Georgia *contd.*
land use 4670
management, forest 1865
palaeoecology 4374
pollution, water 7688
precipitation 7051
productivity, forest 3488
recreation 7688
seed production 6536
site preparation 554
thinning 7192
wildlife 554
yield studies 296, 623

USA, Great Plains
documentation and information services 6404
land use 6404
reclamation of degraded land 7060
shelterbelts 6394

USA, Hawaii
choice of species 130
diseases, tree 497, 2505, 3036, 3700
fishing and fishery management 2596, 2597
improvement planting 130
insects 497
parasites and saprophytes 6922
Phytophthora cinnamomi 7575
Pinus 4762
Xyleborus interjectus 2563

USA, Idaho
breeding, tree 172
diseases, tree 3698
erosion 5899
insects 4602
landslides 5897
logging 5897, 5899
management, forest 1630, 5899, 7663
planting 2891
productivity, forest 1806, 4400
recreation, forest 7091
roads 5897, 5899
seed production 6932
silviculture 4400
trees and shrubs 412
vegetation types 6120
volume tables 6647
wildlife 7663

USA, Illinois
diseases, tree 4555
fertilizers 569, 6568, 6569
forests and forestry 5561
mining wastelands 569, 6568, 6569
national parks 5561
precipitation 3516
Scolytus multistriatus 4555
thinning 5756
vegetation types 6117, 6118

USA, Indiana
birds 2592
documentation and information services 3978
drought 4232
fish 6360
ornamental trees and shrubs 2641
provenance studies 2241
recreation, forest 3978
remote sensing 4232
thinning 2290

USA, Iowa
Diprion similis 6929
fire 6001
provenance studies 182
wildlife 6001

USA, Kansas, diseases, tree 1097

USA, Kentucky
recreation, forest 1183
silviculture 2780
spacing 2780
vegetation types 6114

USA, Lake States
forest site classification 5817
insects 6933

USA, Louisiana
Dendroctonus 536
D. frontalis 1131, 3744, 4562, 4563
fertilizers 2701
forest site classification 5814
grazing and pasture 5792
snow damage 7378
thinning 7232

USA, Maine
afforestation 7712

USA, Maine *contd.*
breeding, tree 455
Choristoneura fumiferana 319, 2528, 6253
diseases, tree 2029
mining wastelands 7712
mycorrhiza 6881
productivity, forest 311
provenance studies 454
remote sensing 319
statistics, forest 311
thinning 748
weed control 6619

USA, Maryland
Christmas trees 2297
pollution, air 881
weed control 2297

USA, Massachusetts
biological control 2095
economics, forestry 5848
environmental conservation 7079
legislation 7079
microclimatology, micrometeorology 5926
public relations 7079
recreation, forest 4706
stumpage value and fees 5848
surveys, forest 7336

USA, Michigan
birds 6351
breeding, tree 447
Carabidae 6981
fertilizers 5884, 6547, 6559
fish 3802
insects 6233
irrigated stands 5884, 6553, 6558
nature conservation and reserves 1858
nursery management 447
parasites and saprophytes 2060
plantations 5816
productivity, forest 5816, 6559
recreation, forest 1242
Scolytus multistriatus 4558
silviculture 1242
vegetation types 2982, 5862

USA, Minnesota
Christmas trees 4483
diseases, tree 1103, 6199, 7580
economics, forestry 3276, 3277
environmental conservation 7079
forest administration 3276, 3277
land use 3276, 3277
legislation 7079
pollution, air 4469
productivity, forest 345
public relations 7079
recreation, forest 6555, 7093
remote sensing 5839
silviculture 7241
soil types 6555
taxation 3276, 3277

USA, Mississippi
Dendroctonus frontalis 3744
development, forestry 5549
forest site classification 5814
planting 246
provenance studies 4821
seed production 2948
weed control 6608

USA, Missouri
fertilizers 2933
fishing and fishery management 1589
forests and forestry 5561
land use 6338
national parks 5561
nematodes 3094
seed production 2933
thinning 2933
wildlife 6338

USA, Montana
birds 4529
browse 7665
documentation and information services 6407
economics, forestry 3475
fire control 3618
fires, forest 891, 4294
land use 6407
landscape 7741
mining wastelands 6334
mycorrhiza 3672
pollution, air 7421
productivity, forest 1806

USA, Montana *contd.*
recreation, forest 6437
seed production 6932
stumpage value and fees 3475
succession 4294
trees and shrubs 412
wildlife 6334, 7665
USA, Nebraska
diseases, tree 4484, 7569
seed production 5855
USA, Nevada
grazing and pasture 6307
site preparation 5733
trees and shrubs 412
weed control 5733
wildlife 6307
USA, New Hampshire
biological control 6919, 7594
breeding, tree 457
diseases, tree 2029, 6893, 6919
fertilizers 6557
forest site classification 3487
precipitation 3568
USA, New Jersey
bibliography 1012
birds 4624
book 2985
labour, forest 7736
landscape 7736
Lymantria dispar 2533
management, forest 4624, 7736
succession 2993, 2995
vegetation types 1012, 2985, 2986, 2987, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 4416
vegetational history 2988
USA, New Mexico
birds 5619, 6065
grazing and pasture 3758
land use 3758
Orgyia pseudotsugata 4595
soil survey 5873
vegetation types 3758, 5873
USA, New York
dendrochronology 2645
diseases, tree 2047, 4468
farm forest(ry) 5256
fertilizers 3384, 7418, 7419
hunting 1854
labour, forest 5256
landscape 7738
ornamental trees and shrubs 582
recreation, forest 1854
vegetation types 2991
volume tables 7313
weight tables 7312, 7314
USA, North Carolina
birds 6003
breeding, tree 2262, 6853
Dendroctonus 536
environmental conservation 7079
fertilizers 206, 2262, 2937
fire 6002
fire control 6003
fires, forest 5998
irrigated stands 2937
legislation 7079
Lymantria dispar 6955
management, forest 5828
nature conservation and reserves 7088
public relations 7079
regeneration, natural 5682
seed production 2937
vegetation types 2825
USA, north central, diseases, tree 4488
USA, North Dakota
Diplodia pinea 506
diseases, tree 2001
shelterbelts 2001
USA, north-eastern
breeding, tree 450, 451, 452, 453
forest ownership 5849
forests and forestry 3267
management, forest 4195
silviculture 3267
succession 6818
thinning 4181
USA, north-western
climate 5813
hydrology 6387
productivity, forest 5813
USA, northern, seed production 2936
USA, Ohio
land use 1172
provenance studies 182
recreation, forest 1172
shade trees 611
soil types 2472, 6113
species trials 611
vegetation types 2472, 6113, 6115
USA, Oklahoma
browse 4606
development, forestry 5548
fertilizers 4606
grazing and pasture 4606
Rhagium inquisitor 6929
weed control 4094
USA, Oregon
catchment areas, management 5892
Dasineura gleditchiae 7012
Dendroctonus ponderosae 4572
diseases, tree 1093, 1094, 4572
economics, forestry 7354
erosion 5892
fertilizers 3192
fire control 3596
fires, forest 6119
grazing and pasture 1861, 1862, 3759
hydrology 5892
Hylurgops rugipennis 4561
land use 3759
legislation 6497
management, forest 7354
nursery management 5894, 7123
Orgyia pseudotsugata 3114, 4595, 6245, 6960
parasites and saprophytes 1112
phenology 956
planting stock 2876, 2877
pollution, water 6497
provenance studies 116, 956, 7512
recreation, forest 6960
resources, forest 5546, 7153
site preparation 7220, 7221
thinning 3192, 5739
vegetation types 3759, 5888, 6119
weed control 243, 1302, 1759, 5739, 7220, 7221
wildlife 243, 6172, 7675
USA, Pacific Northwest
breeding, tree 3857
catchment areas, management 3194
Dendroctonus ponderosae 6262
diseases, tree 1095
documentation and information services 6505
fishing and fishery management 7043, 7044, 7045, 7046
hydrology 7043, 7044, 7045, 7046
logging 5901
minor forest products 5403
nursery management 1095
ornamental trees and shrubs 3857
recreation, forest 7092
soil survey 5887
soil types 5887
thinning 3436
USA, Pacific Southwest, documentation and information services 6505
USA, Pennsylvania
afforestation 2613
birds 6563
browse 7672
diseases, tree 3059
fertilizers 4807, 5498, 6567
insects 7633
irrigated stands 6551, 6560, 6561, 6562, 6563
landscape 7743
Lymantria dispar 2533
mining wastelands 2613, 6567
mycorrhiza 2613
ornamental trees and shrubs 7633
pollution, air 5910, 6746
recreation, forest 579
regeneration, natural 7671
remote sensing 318
succession 7672
wildlife 6563, 7671, 7672
USA, Rhode Island
reclamation of degraded land 7749
roadside trees 7749
USA, Rocky Mts.
documentation and information services 6404
USA, Rocky Mts. *contd.*
fishing and fishery management 7043, 7044, 7045, 7046
hydrology 7043, 7044, 7045, 7046
land use 6404
provenance studies 5357
USA, South Carolina
diseases, tree 1546
forest site classification 5906
soil types 5922
succession 4266
vegetation types 4266
USA, South Dakota
birds 6332
resources, forest 5550
USA, south-eastern
birds 3765, 3774
development, forestry 3265
Rhyacionia subtropica 6239
seed production 2935
silviculture 5885
vegetation types 4415
weed control 228
USA, south-western, land use 6398
USA, southern
breeding, tree 2051
choice of species 5616
Dendroctonus frontalis 1128
development, forestry 7152
diseases, tree 620, 2051, 5616, 6198
flora/check lists 2110
history, forest(ry) 6494
land use 6494
logging 5902
management, forest 7152
recreation, forest 6494
research 5675
seed production 2936
silviculture 5675, 5902
trees and shrubs for 5616
wildlife 2110, 4964
USA, Tennessee
breeding, tree 2453
Euzophera ostricolorella 4543
fertilizers 3416
land use 7719
management, forest 7353
nature conservation and reserves 7088
productivity, forest 7328
recreation, forest 1183, 3164, 3850
remote sensing 7365
resources, forest 7365
seed production 2453
site preparation 3416
soil types 7380
wildlife 3164
USA, Texas
birds 4528
breeding, tree 458, 3325
browse 4189, 4607
choice of species 3325
Dendroctonus 536
D. frontalis 1563, 2551, 2552, 3743, 3744, 4528
diseases, tree 4493
economics, forestry 3815
erosion 3815
forest site classification 5814
management, forest 1860
Neotylopterus pallidus 6276
remote sensing 320
vegetation types 6112
weed control 4607, 4627, 6311, 6607
wildlife 4627
USA, Utah
diseases, tree 3709
grazing and pasture 4605, 5242
seed production 4603
trees and shrubs 412
vegetation types 6120
USA, Vermont
amenity forests, parks 1852
management, forest 1852
Paraclemensia acerifoliella 6305
resin-tapping 3458
thinning 5755
wildlife 3792
USA, Virginia
birds 4527
Dendroctonus 536
diseases, tree 4493, 6116
resources, forest 4157

USA, Washington
browse 6325
Christmas trees 3455, 3738
diseases, tree 1092, 1094, 3697
economics, forestry 7354
fertilizers 3192, 3383, 3455, 5883, 5895, 6549, 6556, 7420
fire control 3596
Gnathotrichus 4566
insects 6306
irrigated stands 6548, 6550
landscape 7742
legislation 5875
management, forest 2364, 7354, 7394
mining wastelands 1084
mycorrhiza 7420
nature conservation and reserves 1612
nursery management 5894, 7123
ornamental trees and shrubs 6453
Pissodes fasciatus 3738
planting 2891
planting stock 2877, 3445, 6577
productivity, forest 4400
provenance studies 116
seed production 6932
silviculture 4400
soil survey 7394
spacing 3445
surveying and mapping 5875
taxation 5875
thinning 3192
vegetation types 5888
weed control 2743
wildlife 2364, 6325
USA, West Virginia
fertilizers 456
history, forest(ry) 3268
Lymantria dispar 6955
mining wastelands 456
pollution, air 5973
provenance studies 456
research 3268
resources, forest 5547
wildlife 6314
USA, western
birds 6315
Dendroctonus ponderosae 6996
documentation and information services 3972, 6403
energy resources 6408
erosion 5898
fishing and fishery management 6372
hydrology 6372
land use 6403, 6408, 7062
logging 5898
productivity, forest 4600
provenance studies 5613
roads 5898
soil survey 5874
succession 4600
vegetation types 5874
wildlife 6335, 6372, 6403, 6408
USA, Wisconsin
Christmas trees 2520, 4483
diseases, tree 496, 508, 1103, 2520, 4466, 4485, 6199, 6895
energy resources 3302
erosion 4652
grazing and pasture 564
land use 4652
management, forest 1745
mycorrhiza 4486
plantations 3302
recreation 3162
seed production 2922
silviculture 1745
soil types 564
weed control 230
USA, Wyoming
browse 7668
diseases, tree 3057
documentation and information services 6407
fires, forest 7666, 7667
grazing and pasture 1890
land use 6407
mining wastelands 6334
succession 7666
trees and shrubs 412
wildlife 6334, 7666, 7668
Useful plants 3149, 3150
bibliography 588
book 4131
USSR
accidents 7167
book 4131
botanic gardens 4308
breeding, tree 1069, 1976, 4462, 6138, 6160
catchment areas, management 5186
climate 890
dendrochronology 2459
development, forestry 1202, 3257, 6481
diseases, tree 518, 2210, 6214, 6901
documentation and information services 1233
drainage, land 854, 3421, 4088
economics, forestry 1407, 2203, 3257, 3510, 4229, 7373, 7374
edible plants 7306, 7307
education and training 4918
erosion 3526
fertilizers 712
fire control 4298
fires, forest 890, 1911, 1914, 3591, 3592, 3595, 4297, 7438, 7439
forest administration 2377
forest ownership 7146
forests and forestry 1201, 4805, 4810, 5107
fungi 7306, 7307
Hippophaë rhamnoides 2752
history, forest(ry) 2652
hydrology 854
insects 2091, 2210, 4583, 6214
land use 5107
landscape 1618
legislation 3965
logging 4229
Lymantria dispar 2069
machines, tools, equipment 779, 780, 1338, 1339, 1782, 1783, 1784, 1785, 1789, 2377, 2756, 2757, 3447, 3448, 3510, 4127, 4129, 4298, 5775, 6624, 7237, 7293, 7296, 7297
management, forest 820, 1350, 2786, 3257, 5099, 5429
mechanization of forest operations 1338, 5099
minor forest products 785, 7306, 7307
mountain forests and forestry 5186
nature conservation and reserves 1174, 4986
nursery management 722, 1338, 1731, 1785, 4127
peatlands 4088
Phalera bucephala 6217
phenology 4308
plantations 732, 4081, 5786
planting 1782, 1789, 6624
planting stock 722, 1276, 1728
pollution, air 4271
prices of forest products 7374
productivity, forest 1201
propagation 5651
protection forest 5179, 5429, 7042
provenance studies 1069, 1530, 7515
regeneration, natural 732, 4337, 7214, 7215
remote sensing 1870, 4297
research 2210
resin-tapping 1791, 3457
resources, forest 7146
review 6481
shelterbelts 1159, 2611, 3424, 7042, 7229, 7703
silviculture 1202, 4805
site preparation 1784, 2757, 6624
soil types 3525, 6701
statistics, forest 7146
surveys, forest 822, 2373
thinning 816, 1320, 1382, 3450, 4095, 4129, 5001, 5775
treelines and timberlines 2459
useful plants 4131
vegetation types 434, 3591, 4081, 4583, 6815, 6829
vegetational history 6829
weed control 3424, 7229, 7293
wildlife 7676
work studies 1789, 3450, 7167
working plans 3257
yield studies 7348
yield tables 816, 1376, 1377, 1382, 7345, 7346
USSR, Asiatic region, regeneration, natural 731
USSR, Baltic states
afforestation 570, 571
breeding, tree 1063, 4133, 5378
choice of species 768
dendrochronology 4718
drainage, land 226, 4718
fertilizers 198, 211, 257, 7195
Ips typographus 538
land use 4663, 5097
machines, tools, equipment 250, 1337
management, forest 5097, 7355
maps 4663
mechanization of forest operations 1321
Neodiprion sertifer 543
nursery management 1733, 4184
phenology 368
planting 250
productivity, forest 4182, 4183, 4184
provenance studies 690
Pseudotsuga menziesii 5378
reclamation of degraded land 570
recreation, forest 1179
regeneration, natural 221
roadside trees 568
seed production 198, 368, 4436
silviculture 4809
surveys, forest 288, 823, 1395
thinning 1321, 4809
yield studies 7349
USSR, Belorussia
amenity forests, parks 192
breeding, tree 1076
choice of species 192
diseases, tree 4500, 4513
plantations 7415
pollution, air 352, 6723
provenance studies 2243
regeneration, natural 7677
statistics, forest 7310
surveys, forest 7310
trees and shrubs for 192
veteran or remarkable trees 192
wildlife 7677
yield tables 7310
USSR, Caucasian region
Castanea sativa 7286
fertilizers 715
management, forest 7286
ornamental trees and shrubs 6454
planting stock 1732
recreation, forest 7730
silviculture 7286
soil types 6703
tending of stands and trees 7730
vegetation types 5469
USSR, Central Asian republics
afforestation 7172
breeding, tree 5783
catchment areas, management 4644
fertilizers 7194
fire control 5996
flora/check lists 370
improvement planting 740
insects 4565
Juglans regia 7683
nursery management 2705
Pinus sylvestris 1436
productivity, forest 1820, 5964, 7327
regeneration 5681
regeneration, natural 4027
seed production 702, 7300
shelterbelts 704, 851, 1162, 4655, 4656, 4657, 7194, 7409, 7704
soil types 7172, 7414
vegetation types 1820
wildlife 4027
USSR, European region
biological control 1574
choice of species 7206
erosion 4643
forest administration 2207
management, forest 2281
protection forest 4643
regeneration 2281
Salix 6791
seed production 1257
spacing 736
trees and shrubs for 7206
vegetation types 2281
USSR, Far East
apiculture 6633

USSR, Far East *contd.*
biological control 3752
fires, forest 1910
forest administration 1387
fungi 7577
hydrology 4641
insects 6225
management, forest 1386, 1387
medicinal plants 6635
nursery management 7203
plantations 4080
Rhododendron aureum 6864
site preparation 4080
site types 6633
soil types 7381
statistics, forest 3468, 7150
surveying and mapping 1386
surveys, forest 7150
trees and shrubs 4309
vegetation 6819
vegetation types 4426
virgin forest 6662
weed control 4080
USSR, Karelia
diseases, tree 2056, 6178
fertilizers 3385
recreation, forest 4338
silviculture 3493
thinning 757
USSR, RSFSR
Castanea sativa 7321
disease, tree 7574
forests and forestry 1327
management, forest 7352
regeneration 7210
regeneration, natural 4062
silviculture 1327, 4062
wildlife 7679
yield studies 7352
USSR, Russian region, central
afforestation 3819
biological control 3096
browse 7038
choice of species 1247
diseases, tree 2025, 3431, 4510, 6180
economics, forestry 73, 7058
erosion 7699
Euproctis chrysorrhoea 6219
forests and forestry 73
Lasius niger 6227
Melolontha hippocastani 6221
Myrmica spp. 6227
nursery management 2025
Panolis flammea 6222
Pinus sylvestris 276
plantations 737, 4082, 7238
planting stock 1747, 3403
Populus tremula 4774
productivity, forest 277, 3492, 6659
reclamation of degraded land 3819
recreation, forest 6439
regeneration, natural 1287, 4069
remote sensing 7368
resin-tapping 4147
seed production 7361
shelterbelts 7058, 7699, 7705
silviculture 728, 1983
soil types 4250, 5921
surveys, general 1013
thinning 3431
Tomicus piniperda 6218
vegetation types 3653, 7503
wildlife 7038
Xiphidria camelus 6224
USSR, Russian region, Ciscaucasian
Castanea sativa 6626
Corylus colurna 1931
diseases, tree 773
Juglans regia 1334
ornamental trees and shrubs 578
propagation 2249
provenance studies 1255
recreation, forest 578
seed production 1266, 2249
shelterbelts 1161
silviculture 1286, 1334
sowing, direct 4135
yield tables 4192
USSR, Russian region, northern
afforestation 2158
Betula 7357
birds 6333
breeding, tree 4438
USSR, Russian region, northern *contd.*
browse 4623
climate 4238
diseases, tree 1090, 7488
drainage, land 203, 844, 5693
economics, forestry 4213
erosion 2263
fertilizers 203, 713, 714
machines, tools, equipment 1780
management, forest 7356
nursery management 2263, 6579
planting stock 1277
precipitation 4255
productivity, forest 4183
reclamation of degraded land 2158
recreation, forest 6438
regeneration 7356
regeneration, natural 3407, 6586
resin-tapping 2320
seed production 987, 7182
weed control 4623, 6579
USSR, Russian region, south-eastern
arboreta 123
botanic gardens 5615
choice of species 120, 121, 122, 123, 5615
diseases, tree 1544
drought 244
erosion 1157, 7700
phenology 959
plantations 244, 730, 751
productivity, forest 1365
Quercus robur 6865
regeneration, natural 730
shelterbelts 122, 855, 1018, 1161, 1756, 2774, 7056, 7057
silviculture 244
soil types 7396
thinning 751
trees and shrubs for 120, 121, 122, 123, 5615
weed control 1756
USSR, Russian region, Urals etc.
arboreta 125
birds 4616
breeding, tree 7547
choice of species 120, 125
Cimbex femorata 6226
dendrochronology 4719
development, forestry 3244, 3245
diseases, tree 7558
drainage, land 3405, 3419, 3481
drought 4437
ecology, forest 6803
farm forest(ry) 6673
fertilizers 3461
forest administration 2798
fungi 3668, 3669, 3670
history, forest(ry) 3256
logging 1288, 2831
Lymantria dispar 3255
management, forest 2798, 3256, 6673
Melolontha spp. 6220
mining wastelands 3252
nature conservation and reserves 3669, 6162
Notodonta dromedarius 4545
pests, general 7164
pollution, air 6743
productivity, forest 4180
provenance studies 126, 127
Quercus robur 6865
reclamation of degraded land 3252
regeneration, natural 3253, 3405
relation to fire 7213
research 7164
resin-tapping 1348, 3461, 4143
seed production 1705
silviculture 4064, 7240
soil types 3246, 6704
succession 3247, 3252, 3253, 4239
thinning 2745
trees and shrubs for 120, 124, 125
vegetation types 3246, 3247
vegetational history 3245
wildlife 6226
yield tables 817, 4143
USSR, Siberian region
Acantholyda posticalis 7010
afforestation 3820
dendrochronology 7098
Dendroctonus micans 6993
Dendrolimus superans 6961
USSR, Siberian region *contd.*
drainage, land 3418
erosion 7707
fertilizers 4049
fires, forest 6755, 7436
Larix gmelinii 7469
Leucoma salicis 7623
logging 1289
management, forest 1386, 1864, 6644
mechanization of forest operations 7295
medicinal plants 6629
mycorrhiza 6875
nursery management 1729, 3392, 4049
Pinus sibirica 6813
plant geography 6862
plantations 1748
planting stock 1730
productivity, forest 1971
provenance studies 3015, 3333, 3334, 3335
reclamation of degraded land 129, 3820
recreation 6875
recreation, forest 5970
regeneration 4070
remote sensing 6961, 7364
research 2672
resin-tapping 787, 7302
seed production 1258, 3333, 7181
shelterbelts 1165, 3137, 7707
silviculture 7212
soil types 6705
surveying and mapping 1386
surveys, forest 6629, 7364
vegetation types 1971, 4241
weed control 1748
wildlife 1971, 2109, 3795
USSR, southern
Loxostege sticticalis 7624
shelterbelts 7624
USSR, Transcaucasia
choice of species 966
Corylus avellana 1344
diseases, tree 6887
fertilizers 711
management, forest 6825
mountain forests and forestry 6038
ornamental trees and shrubs 6887
plantations 738, 739
shelterbelts 711
surveys, forest 7298
vegetation types 3652, 6825
USSR, Ukraine, Crimea and Moldavia
afforestation 2157
arboreta 7097
biological control 3113
birds 5969
breeding, tree 4431, 6156
catchment areas, management 2142
choice of species 1246, 3305, 3306, 3307
climate 4533
diseases, tree 6163, 6182, 6186, 6871, 7489
drainage, land 3420
drought 982
economics, forestry 5841
erosion 2144, 7698
fertilizers 1719, 6543
forest site classification 7333
hydrology 3811
insects 4533
irrigated stands 4187
labour, forest 7168
land classification 7333
Lymantria dispar 6294, 7620
machines, tools, equipment 788
management, forest 5824
minor forest products 788, 4130, 7299
mycorrhiza 6871
nature conservation and reserves 1515, 6122
phenology 4312, 7466
Pissodes 6269
plantations 1285, 7287
precipitation 6374
propagation 3307, 4039
Quercus 7287
Q. robur 982
reclamation of degraded land 2157, 3822, 7710
seed production 7179
shelterbelts 1158, 1160, 7059, 7287, 7701
silviculture 1930
soil types 2721, 6702, 7333

USSR, Ukraine, Crimea and Moldavia *contd.*
spacing 1285
species trials 4039
Thaumetopoea processionea 7657
thinning 1285, 5748, 5749, 6186
Tortrix viridana 7466
trees and shrubs for 3305, 3306, 3307
vegetation types 1508, 1509, 1510, 1515, 4312, 4424, 6122
yield studies 5824
Valuation of forest products 829, 2788
Valuation of forests and land 829, 1395, 5423, 5848
damage and losses 4222, 5975
tree valuation 1879, 3172, 3475, 3513, 5841
Vegetation, general
anthropogenic 646, 6726 (*see also* Succession, anthropogenic)
book 423, 809, 1969, 3636
classification 430, 432, 1015, 1511, 1512, 1634, 1969, 1973, 2217, 2463, 2464, 2465, 2468, 3644, 3653, 3915, 4425, 5017, 5057, 6107
history 421, 422, 423, 646, 648, 908, 933, 937, 1001, 1129, 1969, 2460, 2816, 2977, 2986, 2988, 3245, 3642, 4387, 4402, 4422, 4700, 6086, 6087, 6097, 6809, 6824, 6829, 7461, 7462
study methods 933, 2468, 3653, 4995
survey and mapping 435, 1013, 1015, 1973, 2981, 3644, 3645, 3646, 3830, 4865, 5837, 6683, 6804, 7088, 7504
zonation 433, 1512, 1969, 2981, 2991, 3651, 4081, 4385, 4393, 4422, 6106, 6396, 6726, 6815, 6819, 6826, 7504
Vegetation types 435, 929, 1009, 7340, 7359
alpine 4413
arctic 4412
arid areas, general 1598, 2469, 3129
bibliography 1012
bogs 1971, 3635, 6104
book 423, 2985, 3651, 4401, 6109
boreal forest 2475, 5868, 5878, 5904
broadleaved deciduous forest, subtropical/tropical 3644
broadleaved deciduous forest, temperate 1509
broadleaved/conifer forest 6111
caatinga 2390, 3958, 4419
calcareous 436
campina 4419
cerrado 3958, 4865
chaparral 343, 364, 905, 932, 934, 935, 937, 938, 939, 940, 943, 944, 945, 5807, 6004, 6677
classification 6820
coastal and littoral 2612
coniferous forest, temperate/subarctic 1510, 1969, 4066
desert 809, 944, 1969
dune 1011, 2470
elfin woodland 6110
forest-steppe 6828
fynbos 919, 920, 2463, 2468, 2469, 4398
grassland 809, 1969, 3591, 4371, 4372, 6109
heathland 335, 2632, 4401, 4402, 4403, 4404, 4405, 4406, 4407, 4409, 4410, 4411, 4412, 4413, 4414, 4417, 4420, 6422
mallee 918
mangrove 37, 339, 1017, 2981, 5991
maquis 4402, 4408
mattoral 5808
pygmy forest 1012
rain forest 12, 423, 809, 1197, 3129, 3145, 3958, 4397, 4697, 5213, 5437, 5447, 5544, 5968, 6806, 6807
riparian forest 871, 2466, 3755, 3756, 3757, 3758, 7474
savanna 340, 809, 871, 1297, 1969, 1972, 2405, 3129, 4418, 5918, 6105
savanna woodland 1197, 3904, 4074, 4422, 6402
sclerophyllous forest 809, 940
sclerophyllous scrub 918, 951
scrub 343, 922, 1820, 4066, 4422, 6677
subalpine forest 3652
swamps 37, 210, 339, 2981, 6816
taiga 809, 1971, 2281, 4583, 7216
Vegetation types *contd.*
tropical 423, 1746, 2466, 3637, 4692, 4693, 4694, 4697
tundra 1969, 1971, 4241
wet lands, general 4702, 6814, 7074
Venezuela
Arsenura armida 2560
education and training 7163
flora/check lists 4368
forests and forestry 662
land use 662
mangroves 6822
national parks 4368, 7087
provenance studies 2244
regeneration, natural 3406
vegetation types 2390, 2477, 4419, 5213, 5968
Veteran or remarkable trees 192, 2180, 3494, 4705
Vietnam
afforestation 3900
breeding, tree 146
insects 43
management, forest 1634
nursery management 3900
shifting cultivation 2767
succession 2767
Vines (*see* Climbers)
Virgin forest 83, 3186, 5518, 6662
Virgin Islands
forests and forestry 6474
provenance studies 6525
Virus diseases of insects 1573, 1575, 2332, 2559, 2572, 2575, 6250, 6295, 6299, 6300, 6301, 6945, 6956, 6958, 7622
book 6297
Virus diseases of trees 1539, 2490, 2522, 2523, 3062, 4517
book 515, 516, 4520
dwarfing 4522
leaf roll 1546
mosaic 1546, 4518, 4519, 7535
necrosis 3709
phloem necrosis 2058
ringspot 1546, 4522
Vitamins 788, 2752, 4133
Volcanoes 3545, 4287, 6819
Voles (*see* Mice, voles and rats)
Volume determination, tree and stand 4162, 4199, 4200, 5791, 5800, 5806, 6584, 7316
corrections for defects 5795
data recording and processing 3472, 5798
equations 267, 269, 797, 2768, 2770, 4165, 4866, 6642, 6645, 6666, 7317
merchantable volume 3055, 3513, 3904, 4191, 5696, 5797, 6645, 7150, 7311, 7321, 7334, 7357
theory 271, 298
use of surveying instruments 7315
utilization percent 3413, 4203
Volume tables 269, 797, 798, 1333, 1800, 1801, 1802, 2759, 2770, 2771, 2772, 2773, 3477, 3478, 3479, 3480, 3497, 4166, 4167, 4168, 4169, 4170, 4171, 4860, 6636, 6645, 6646, 6647, 6648, 7313, 7316, 7343
Wallabies 1604
Wapiti (*see* Elk (wapiti, *Cervus*))
Wasps 1134, 4573, 4602, 6043, 6233, 7647
Water composition and quality 3, 4, 5, 6, 8, 9, 10, 11, 557, 562, 563, 1147, 1148, 1152, 1153, 1596, 1901, 2130, 2143, 2380, 2383, 2384, 2390, 2406, 2410, 2595, 2600, 2649, 2829, 3110, 3135, 3194, 3362, 3374, 3568, 3575, 3804, 3805, 3809, 3881, 4635, 4639, 4640, 4988, 5728, 5893, 5981, 6359, 6371, 6373, 6376, 6383, 6384, 6387, 6389, 6392, 6494, 6497, 6549, 6739, 7039, 7043, 7044, 7045, 7046, 7047, 7048, 7049, 7682, 7685, 7692
Water conservation (*see* Conservation, soil and water)
Water relations of plants 592, 2912, 3367, 4258, 4281, 4326, 5953, 5958, 6649, 7224, 7412, 7413 (*see also* Foliage, water relations; Roots, soil/water relations)
adaptations 851, 1475, 1888, 4257, 4260, 4316, 6711, 6712
atmospheric-water uptake 3557, 5956
book 3556
Water relations of plants *contd.*
growth and increment 851, 854, 2016, 2822, 2824, 3586, 4073, 4257, 5930, 5956, 6712, 6724, 7408, 7411
internal relations 343, 1888, 1889, 1954, 2402, 2403, 3561, 3608, 4073, 4256, 4257, 4259, 4260, 5929, 5934, 5954, 5955, 5957, 6056, 7411
stress conditions 342, 343, 593, 595, 874, 936, 974, 981, 1423, 1889, 1947, 1954, 2016, 2822, 3556, 3558, 3583, 4232, 4260, 5685, 5929, 5930, 5931, 5955, 5957, 6056, 6712, 6724, 7411 (*see also* Soil water, deficiency)
study methods 342, 853, 856, 1887, 1888, 2822, 2823, 3557, 5931, 7410
systems analysis and simulation 5935, 5944, 5945, 5946, 5952
Water table (*see* Groundwater)
Watering (*see* Irrigation; Nursery management, watering)
Waterlogging, soil 3666, 6714
Watersheds (*see* Catchment areas)
Weed control in nurseries (*see* Nursery management, weed control)
Weed control in plantations 1720, 4092, 5703, 5707, 7228, 7275
by fire or flame 5735
chemical 230, 231, 234, 745, 1308, 1756, 1760, 2291, 2297, 2299, 2410, 2735, 2768, 3201, 3423, 3428, 3452, 5695, 5698, 5705, 5706, 5714, 5719, 5720, 5721, 5735, 5736, 5738, 6605, 7230, 7266
manual 1297, 3424, 3428
mechanized 230, 234, 1297, 1336, 1340, 1748, 1756, 2735, 2768, 3424, 3429, 3452, 4080, 5695
mulching 1748
silvicultural 230
work studies 1336, 3429, 5277
Weed trees and shrubs, control 1342, 4768, 5699, 5701, 5702, 5704, 5718, 6619 (*see also* Biological control, weed trees and shrubs)
bibliography 5742
biological 1300, 1301, 2738, 4604
burning 228, 233, 5737, 5743, 5776, 7220, 7221
chemical 227, 228, 229, 233, 746, 1304, 1306, 1309, 1755, 1761, 1764, 2292, 2293, 2295, 2296, 2298, 2306, 2733, 2736, 2740, 2976, 4089, 4094, 4607, 4627, 5670, 5712, 5723, 5731, 5733, 5737, 5741, 5743, 5744, 6310, 6311, 6607, 7220, 7221, 7226, 7227
manual 5670, 5741
mechanized 228, 229, 2296, 2312, 2733, 4627, 5741
silvicultural 5739
Weedkillers
ametryne 5736
aminotriazole 1340, 6605
ammonium sulphamate 227, 2292, 2976, 4272, 4273
As compounds 1764
asulam 2293, 2295, 5710, 5735
atrazine 243, 1340, 2271, 2713, 3428, 5720, 5733, 5736, 5740, 6605
bifenox 5732
bromacil 1309, 2296
butralin 5732
cacodylic acid 4554
chlormequat 7230
chloroxuron 7406
chlorthal 2294, 4486
chlorthal-dimethyl 5730
chlorthiamid 1305
dalapon 1305, 5720, 5736, 6579, 6599, 7259
dalapon-Na 1755
dazomet 2271
dicamba 2295, 2296, 6607
dichlobenil 230, 1305, 1755
dichlorprop 229, 5734
dinitramine 5732
diphenamid 2271, 2294, 5715, 5717, 5730, 5732
diquat dibromide 7229
diuron 2296, 5736, 6605
fluometuron 7406

Weedkillers *contd.*
glyphosate 230, 231, 232, 745, 1755, 1761, 2271, 2292, 2293, 2295, 2297, 2741, 2742, 3423, 3426, 3786, 4272, 5677, 5706, 5717, 5729, 5735, 7227
hexazinone 2739, 5721, 5722, 5730, 5735, 6605
'Holtox' 744
karbutilate 229, 6311
'Krenite' 1759, 3426, 5712
linuron 230
MCPA 5717, 5734
mecoprop 1758, 5734
methyl bromide 5736
napropamide 5730, 5732
nitrofen 2271, 5717, 5730
oryzalin 5732
oxadiazon 5736
oxyfluorfen 5730
paraquat 230, 2735, 5695, 5741, 6599, 7226, 7229
phenoxy compounds 1759, 2298, 4089
picloram 228, 229, 233, 234, 239, 496, 746, 1757, 2296, 2736, 3426, 5731, 6310, 6311, 6604, 6607
'Prefix' 744
profluralin 5732
prometryne 7229
propazine 2294
propyzamide 744, 1304, 2271, 5717
simazine 230, 1756, 2737, 5717, 5736, 5741, 7229
sulphallate 2294
TCDD 7225
tebuthiuron 3426, 4094, 4607, 6311
terbuthylazine 5730
thiazafluron 6606
'Tordon 155' 1309
triazines 2740, 3426, 4089, 6605
triclopyr 229, 1757, 1759, 3426, 5723
trifluralin 5732
'Velpar' 744, 6599
2,4-D 227, 228, 229, 233, 239, 496, 1303, 1757, 1759, 1761, 2298, 4623, 5728, 5731, 5736, 5737, 6579, 7226, 7229, 7231
2,4-DB 2743, 6608
2,4,5-T 227, 228, 233, 234, 236, 239, 496, 746, 1303, 1673, 1755, 1759, 1760, 1761, 2290, 2292, 2293, 2298, 2410, 2733, 2736, 2740, 3425, 3427, 3775, 4094, 4272, 4627, 5698, 5729, 5738, 5743, 5744, 6310, 6604, 6607, 6720, 7225, 7305
2,4,5-TP 496
Weedkillers, application 1307, 7196 (*see also* Site preparation, chemical methods; Thinning, chemical)
aerial 231, 2298, 2410, 4607, 5698, 5706, 5738, 5743, 6310, 7231
bibliography 5734
ecological effects 232, 243, 1302, 3732, 5738
economics 234, 1755, 2290, 2299, 3426, 5708, 5735, 5741, 6604
effect on disease 496
effect on soil organisms 4272, 4273, 6579, 6720, 7231, 7406
effect on water composition 232, 2410, 5728
equipment 2205, 2296, 2739, 4090, 4091, 5729, 5741, 6603, 7293
form and methods 227, 228, 229, 230, 231, 233, 234, 235, 239, 243, 496, 744, 746, 1304, 1305, 1306, 1308, 1755, 1756, 1757, 1759, 1760, 1761, 2290, 2291, 2292, 2294, 2295, 2296, 2297, 2298, 2299, 2410, 2736, 2737, 2739, 2740, 2743, 3423, 3426, 3428, 4089, 4090, 4091, 4272, 4486, 4554, 4607, 5695, 5698, 5708, 5709, 5713, 5720, 5721, 5729, 5730, 5731, 5732, 5733, 5735, 5736, 5737, 5741, 5743, 5744, 6310, 6311, 6604, 6605, 6606, 6607, 6608, 7226, 7227, 7229, 7406
hydrological effects 1302
nutritional physiology 3428
persistence 1303, 1758, 6606
phytotoxic effects 231, 744, 1305, 2713, 4089, 5698, 5731, 5732, 6605
pollution problems 236, 1760, 2410, 3425
Weedkillers, application *contd.*
residues 746, 1764, 2291, 2298, 2410, 7225
toxic effects on animals and man 1303, 1760, 1764, 3425, 5729, 7225
translocation and metabolism 233, 2741, 2742, 3427, 5740
Weeds, herbaceous (*see also* Bracken control)
Weight determination, tree and stand 796, 3467, 7316, 7328
equations 2342
Weight tables 311, 3479, 4160, 4166, 4167, 7312, 7314, 7316
Western Samoa, development, forestry 3211
Wild boar (*see* Pigs)
Wilderness 7090, 7661
see also Nature conservation and reserves
Wildlife 5112 (*see also* Birds, Fish and particular mammals concerned, e.g. Deer, Mice voles and rats, Squirrels)
bibliography 6335
biology 1605, 2109, 2110, 2113, 2125, 2126, 2582, 2583, 2584, 3128, 3129, 3777, 3778, 3779, 3783, 3788, 3789, 3790, 3794, 3796, 3992, 4609, 4610, 4612, 4613, 4623, 6172, 6317, 6322, 6337, 6340, 6346, 6348, 6353, 7027, 7028, 7037, 7664, 7665, 7675
book 3123, 6324, 6337
conservation and management 1138, 1143, 1215, 1223, 1582, 1584, 1588, 1604, 1605, 1839, 1863, 2112, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2591, 2626, 2627, 2657, 3123, 3124, 3130, 3205, 3761, 3781, 3784, 3838, 4613, 4625, 4692, 4696, 4959, 4960, 4961, 4962, 4963, 4964, 4966, 4969, 5215, 5216, 5217, 5218, 5219, 5220, 5221, 5222, 5412, 5413, 5414, 5415, 5425, 5444, 5450, 5451, 5452, 5454, 5456, 5459, 5468, 5472, 5542, 6093, 6324, 6326, 6336, 6337, 6347, 6348, 6352, 6403, 6425,
7024, 7025, 7661, 7664, 7674
damage by 1117, 1142, 2593, 3126, 3778, 3779, 4608, 4609, 6318, 6321, 7038, 7675, 7677
domestication 1580, 3128, 4696
ecology, habitat 10, 1001, 1015, 1142, 1586, 2106, 2107, 2109, 2112, 2113, 2116, 2117, 2125, 2127, 2364, 2581, 2582, 2583, 2584, 2585, 2586, 2589, 2591, 2627, 2976, 3125, 3128, 3129, 3275, 3776, 3777, 3779, 3780, 3781, 3782, 3783, 3785, 3787, 3792, 3793, 3796, 3834, 4609, 4610, 4611, 4612, 4613, 4614, 4622, 6314, 6317, 6321, 6324, 6334, 6337, 6338, 6341, 6348, 6350, 6372, 6408, 6563, 7024, 7026, 7027, 7028, 7036, 7661, 7663, 7664, 7666, 7670, 7671, 7672, 7674, 7675, 7676
effect of fire 899, 934, 944, 1140, 1908, 4622, 6001
effect of forest operations 10, 554, 1138, 1908, 2844, 6348, 6728, 6735, 6736, 7036
effect of pesticides 3111, 3795
recreation 3164
study methods 553, 1142, 2111, 2117, 4609, 4975, 7676
taxonomy 2968
use as food 2118, 2119, 2120, 2121, 2123, 2987, 3124, 5215, 5216, 5218, 5219, 5220, 5221, 5222, 6342
Wilt and wilt diseases 1544, 7584
Winches 1337
Wind
effect of shelterbelts 1599
effect on pests 537, 1571, 2564
effect on plant growth 4234
resistance to 1415, 3963
Wind damage
consequential injuries 839, 2511, 2564
effect on yield 1414, 2260
measurement 2790
measures against 1414
rehabilitation measures 4389
relation to site and stand characteristics 1414, 1415
Windbreaks (*see* Shelterbelts)
Winter hardiness (*see* Frost resistance)
Winter injury (*see* Frost injury)
Witches' brooms 1436, 2058, 2059
Wolves 6093
Wood
culture of edible fungi on 1349
general information on timbers 1434
rational economic use 73
sampling methods 266
Wood anatomy, general 6031
book 4360
disease aspects 2055
identification 2857, 3600, 4349
individual species 1437, 1444, 1447, 1448, 1449, 1450, 1452, 1453, 1454, 1552, 1939, 1944, 1961, 2856, 2859, 2862, 3583, 4313, 4349
phylogenetic aspects 1443
physiological aspects 1439, 1486, 1487, 1944, 2860, 3586, 4238, 4260, 6765
relation to growth factors 355, 356, 357, 359, 362, 737, 836, 1427, 1437, 1439, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1895, 1904, 2853, 2855, 2856, 3583, 3586, 3587, 4121, 4280, 4285, 4716, 5979, 5985, 5986, 5987, 5990, 6034, 6035, 6036, 6039, 6135, 6153, 6722
relation to properties 5225, 6037
study methods 2857, 6042
taxonomic aspects 1443, 1445, 1961, 2858, 4354, 4355, 6068, 6069, 6076, 6077, 6078, 6787, 6788, 6789, 7455, 7476
terminology 4360
variation 356, 357, 359, 377, 1443, 1533, 2433, 2851, 2852, 2857, 2859, 2860, 2861, 2862, 2863, 2896, 3602, 4314, 6034, 6153
Wood anatomy, special
abnormal 1486, 1487
cell-wall 1939, 1944, 2896, 5225, 6068
fibres 377, 1024, 1533, 7476
parenchyma 1939, 4354
pits 2896, 6069
tracheids 836, 1427, 1439, 1944, 3583, 6855
vessels 1486, 6034, 7476
Wood, chemical constituents 4322, 5225
carbohydrates 6047
extractives 1088, 1119, 1939
lignin 1939
lipids 6749
relation to growth factors 4123
terpenes and terpenoids 1120
Wood chemistry, analytical methods 1194
Wood, physical and mechanical properties 674
effect of growth factors 266, 726, 884, 1428, 1429, 4282, 4435, 5369, 5984, 6037, 7432
variation 266, 4439
Woodwasps 2088, 2565, 3724, 4573, 6224
Work studies 252, 2229, 2676, 3175, 3287, 3288, 3291, 5002
administrative work 1667
logging 5746
physiological 3284, 3285, 3293, 5275, 5277, 5589, 5591, 6512, 7167
psychological 3285, 7167
silviculture 1240, 1319, 1673, 1789, 3284, 3289, 3290, 3293, 3295, 3298, 3450, 5252, 5277, 5287, 6420, 7165
Working plans 1649, 1867, 2357, 2360, 2361, 3257
Wounds, plant 1997 (*see also* Decay in trees, role of wounds; Pruning, wounds, effects; Root and butt rots, role of wounds)
healing, occlusion 393, 1486, 1487, 3038
X-rays (*see* Radiation, ionizing)
Yeasts 4496
Yemen Arab Republic
development, forestry 2213
protection forest 2213
roadside trees 2610
silviculture 2213
vegetation types 6824
Yield, financial 2351, 2781, 3475

Yield regulation and forecasting 110, 241, 287, 296, 298, 336, 620, 621, 795, 1285, 1375, 1381, 1383, 1631, 1821, 1823, 1866, 2308, 3250, 3499, 3872, 5051, 5752, 5820, 5824, 6668, 7352, 7357
systems analysis and simulation 297, 301, 618, 619, 626, 627, 632, 634, 635, 1195, 1376, 1378, 1384, 1824, 1825, 3478, 5823, 6660, 7139, 7310, 7346, 7349
Yield tables 814, 815, 816, 817, 1333, 1353, 1376, 1377, 1379, 1380, 1382, 1385, 1771, 1821, 1822, 2348, 2354, 2355, 2356, 2783, 2784, 3250, 3478, 3496, 3498, 4143, 4191, 4192, 4193, 4194, 4678, 4814, 5321, 5374, 5821, 5822, 6636, 6664, 6665, 6667, 7310, 7331, 7343, 7344, 7345, 7346, 7347, 7350, 7351, 7357
Yugoslavia
diseases, tree 2516, 3687
history, forest(ry) 3917
mountain forests and forestry 3917
nursery management 5740
pollution, air 2642
Quercus macedonica 4345
Scolytidae 2548
silviculture 4058
surveys, forest 282, 289
urban and suburban forest(ry) 2642
vegetation types 4376, 4392, 4393
weed control 5740
Zaire
apiculture 2330
catchment areas, management 2143
fishing and fishery management 2143
land use 2143
vegetation types 2466
Zambia
breeding, tree 5231
concessions and licences 1217
economics, forestry 5844
edible plants 5231
Eucalyptus grandis 4816
forest site classification 4765
insects 41
legislation 1217
nature conservation and reserves 4981, 5455
Pinus 4811
propagation 3348
provenance studies 3309, 3313
seed production 7178
succession 1014
termites 2064
trees and shrubs 6801
vegetation types 1014, 4981
wildlife 2120

CAB PUBLICATIONS AND SERVICES

Main Journals

The abstract journals form one part of a range of services in agricultural science provided by CAB, and will contain in 1981 a total of 180,000 abstracts and titles. With records derived from over 8,500 serials and many other publications, the journals constitute the only comprehensive coverage in English of the world literature on agriculture and related sciences. Readers' comments on the journals, their subject and literature coverage, are welcomed.

Specialist Journals

In response to demand, CAB has launched a new series of journals for the specialist research worker; some cover multidisciplinary topics, others deal with a single crop or product. Records for these journals are selected from the CAB database, and may be supplemented by relevant items from collaborating organizations.

Magnetic Tapes

Since 1973 (1972 in Animal Health) the journals have been produced by computer techniques. The consolidated database, now containing over 1,100,000 records and increasing by 12,000 each month, is available on magnetic tape. Complete sets of tapes or parts corresponding to selected subjects may be leased. Prices and sample tapes on request.

Online Services

The CAB database, known as CAB ABSTRACTS, is accessible over ordinary telephone lines via Lockheed's computer based DIALOG Information Retrieval Service and the ESA/RECON system and DIMDI. On-line access to CAB ABSTRACTS provides an immediate and highly efficient method of obtaining references to papers published since 1972-73. CAB ABSTRACTS is available on the SDC ORBIT system.

CAB Search Services

CAB scientists who compile the CAB database will also carry out searches for customers. The basic charge is £25 plus £0.10 per abstract retrieved. A regular monthly SDI service can be supplied for £100 per year for up to 50 references per month.

Annotated Bibliographies

3000 Annotated Bibliographies already available provide information on specific topics.

Other Publications

A wide range of review articles, technical communications, reports and books are published. Write for our catalogue.

Document Delivery Service

Most original articles abstracted in CAB journals are available as photocopies. Order forms are printed in each journal or are available in bulk from CAB.

Ordering Information

Subscriptions should be fully paid by 1st December for the volumes to be issued in the following year.

Many journals are available at special rates to subscribers in CAB member countries; details from CAB. Member countries are listed below.

A subscription provides entitlement to monthly (or quarterly) parts plus annual indexes. Rates include packing and mailing by air post to distant countries wherever the cost can be absorbed. Orders should be sent to:

CENTRAL SALES
COMMONWEALTH AGRICULTURAL BUREAUX
FARNHAM HOUSE, FARNHAM ROYAL, SLOUGH SL2 3BN, UK.

Member Countries of CAB

Australia
The Bahamas
Bangladesh
Botswana
Canada
Cyprus
Dependent Territories
Fiji
The Gambia
Ghana
Guyana
India
Jamaica
Kenya
Malawi
Malaysia
Mauritius
New Zealand
Nigeria
Papua New Guinea
Sierra Leone
Sri Lanka
Tanzania
Trinidad & Tobago
Uganda
United Kingdom
Zambia
Zimbabwe

CAB ABSTRACT JOURNALS AND SERIAL PUBLICATIONS 1981

	Frequency	No. of records per year	Annual rates (paper or microform) £	New subscriber rates £
Main abstract journals				
Agricultural Engineering Abstracts	M	5000	75	45
* Animal Breeding Abstracts	M	7500	135	80
Arid Lands Abstracts	M	5000	135	–
* Dairy Science Abstracts	M	9250	140	85
* Field Crop Abstracts	M	11000	175	105
* Forestry Abstracts	M	9000	135	80
* Forest Products Abstracts	M	3500	65	40
* Helminthological Abstracts. A – Animal Helminthology	M	6000	115	70
B – Plant Nematology	Q	2000	40	25
* Herbage Abstracts	M	5500	100	60
* Horticultural Abstracts	M	12000	190	115
* Index Veterinarius	M	23000	195	120
† Leisure Recreation & Tourism Abstracts	Q	2500	40	24
* Nutrition Abstracts & Reviews. A – Human & Experimental	M	10000	170	100
B – Livestock Feeds & Feeding	M	6000	115	70
* Plant Breeding Abstracts	M	12500	210	125
Protozoological Abstracts	M	5250	80	48
* Review of Applied Entomology. A – Agricultural	M	7000	120	75
B – Medical & Veterinary	M	3500	60	35
* Review of Medical & Veterinary Mycology	Q	3000	50	35
* Review of Plant Pathology	M	6300	120	75
Rural Development Abstracts	Q	2500	40	24
Rural Extension, Education and Training Abstracts	Q	1500	37	22
* Soils & Fertilizers	M	11000	170	100
* Veterinary Bulletin	M	8000	155	95
* Weed Abstracts	M	4500	85	50
* World Agricultural Economics and Rural Sociology Abstracts	M	8750	135	80
Primary journal				
* Bulletin of Entomological Research	Q	–	60	35
Specialist abstract journals				
Cotton & Tropical Fibres Abstracts	M	1600	29	17.50
Crop Physiology Abstracts	M	8000	85	51
Faba Bean Abstracts (New in 1981)	M	400	23	15
Irrigation & Drainage Abstracts	Q	1900	35	21
Maize Quality Protein Abstracts	Q	120	10	6
Ornamental Horticulture	M	1850	35	21
Plant Growth Regulator Abstracts	M	3000	45	27
Potato Abstracts	M	2000	36	21.50
Poultry Abstracts	M	3200	60	36
Rice Abstracts	M	2500	45	27
Seed Abstracts	M	3700	50	30
Small Animal Abstracts	Q	1300	25	15
Sorghum and Millets Abstracts	M	1100	20	14
Soyabean Abstracts	M	1900	35	21
Triticale Abstracts	Q	250	15	9
Tropical Oil Seeds Abstracts	M	1600	25	15
Serial publications				
Animal Disease Occurrence (Data tables)	B		40	–
Bibliography of Systematic Mycology	B		7.50	–
Biocontrol News & Information	Q	2000	30	20
Descriptions of Pathogenic Fungi and Bacteria	Q		10	–
Descriptions of Plant Viruses	A		5	–
Distribution Maps of Pests	B		17.50	–
Distribution Maps of Plant Diseases	B		10	–
Index of Fungi	B		12	–
Forestry Card Title Service:				
Full Service (FA & FPA)	M		95	–
Forestry Abstracts only (FA)	M		72	–
Forest Product Abstracts only (FPA)	M		40	–
Comprehensive Pig Information Service (write for details)	–		100	–
Index of Current Research on Pigs only	A		10	–
Pig News and Information only	Q	3000	25	15
Food Science and Technology Abstracts Complete	M		310	–
Single parts	–		30.50	–
Annual Cumulated Index	A		68	–

A – Annual B – Biannual M – Monthly Q – Quarterly

* Available at special rates to subscribers in CAB member countries. † Formerly Rural Recreation & Tourism Abstracts.

CENTRAL SALES
COMMONWEALTH AGRICULTURAL BUREAUX
FARNHAM HOUSE, FARNHAM ROYAL, SLOUGH SL2 3BN, UK.

PRINTED BY UNWIN BROTHERS LTD., THE GRESHAM PRESS, OLD WOKING, SURREY, U.K.